





CHARTER,  
SUPPLEMENTAL CHARTERS,  
BY-LAWS,

AND

LIST OF MEMBERS

OF

*The Institution of Civil Engineers.*

ESTABLISHED 2 JANUARY, 1818.—INCORPORATED BY ROYAL CHARTER 3 JUNE, 1823.

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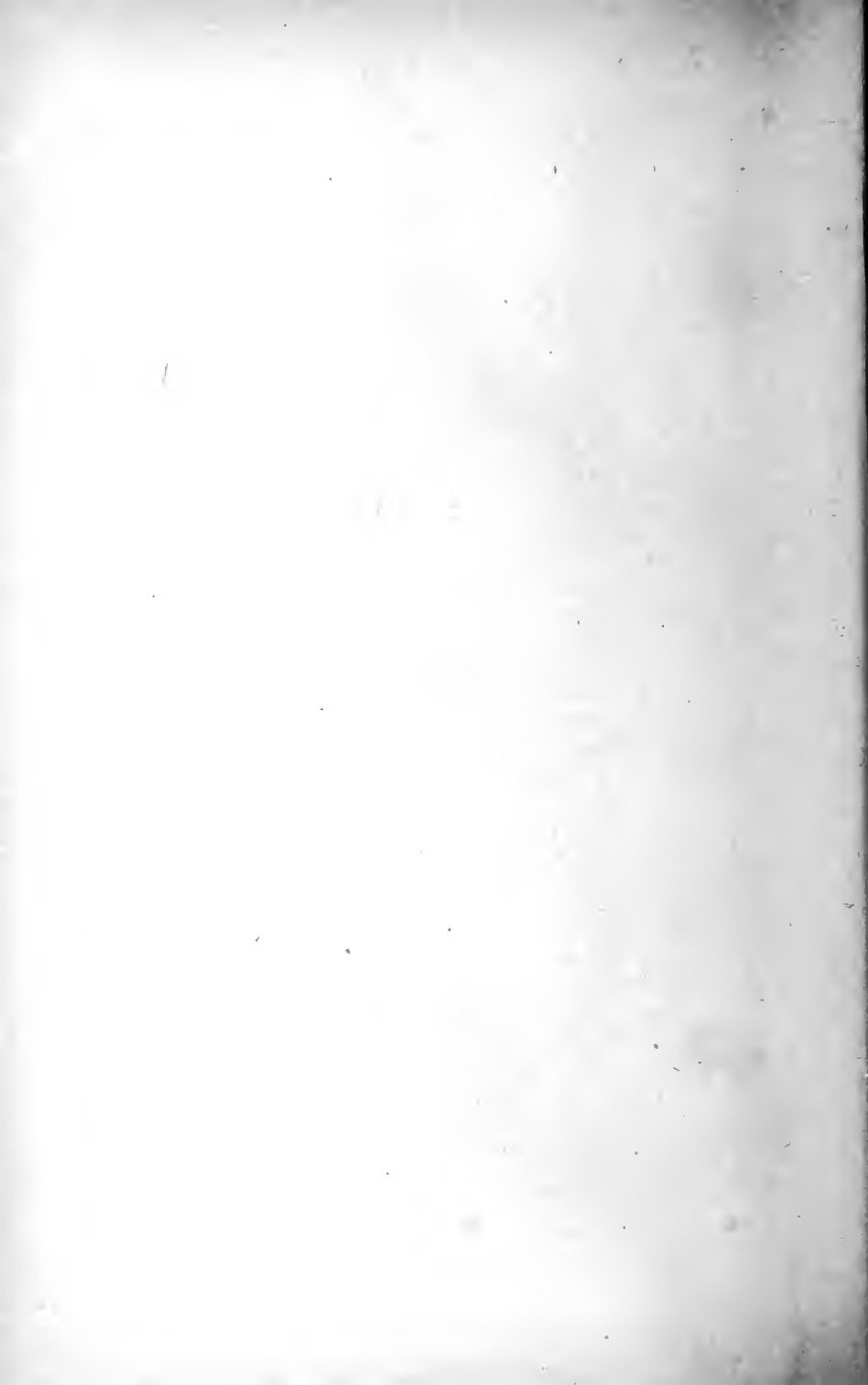
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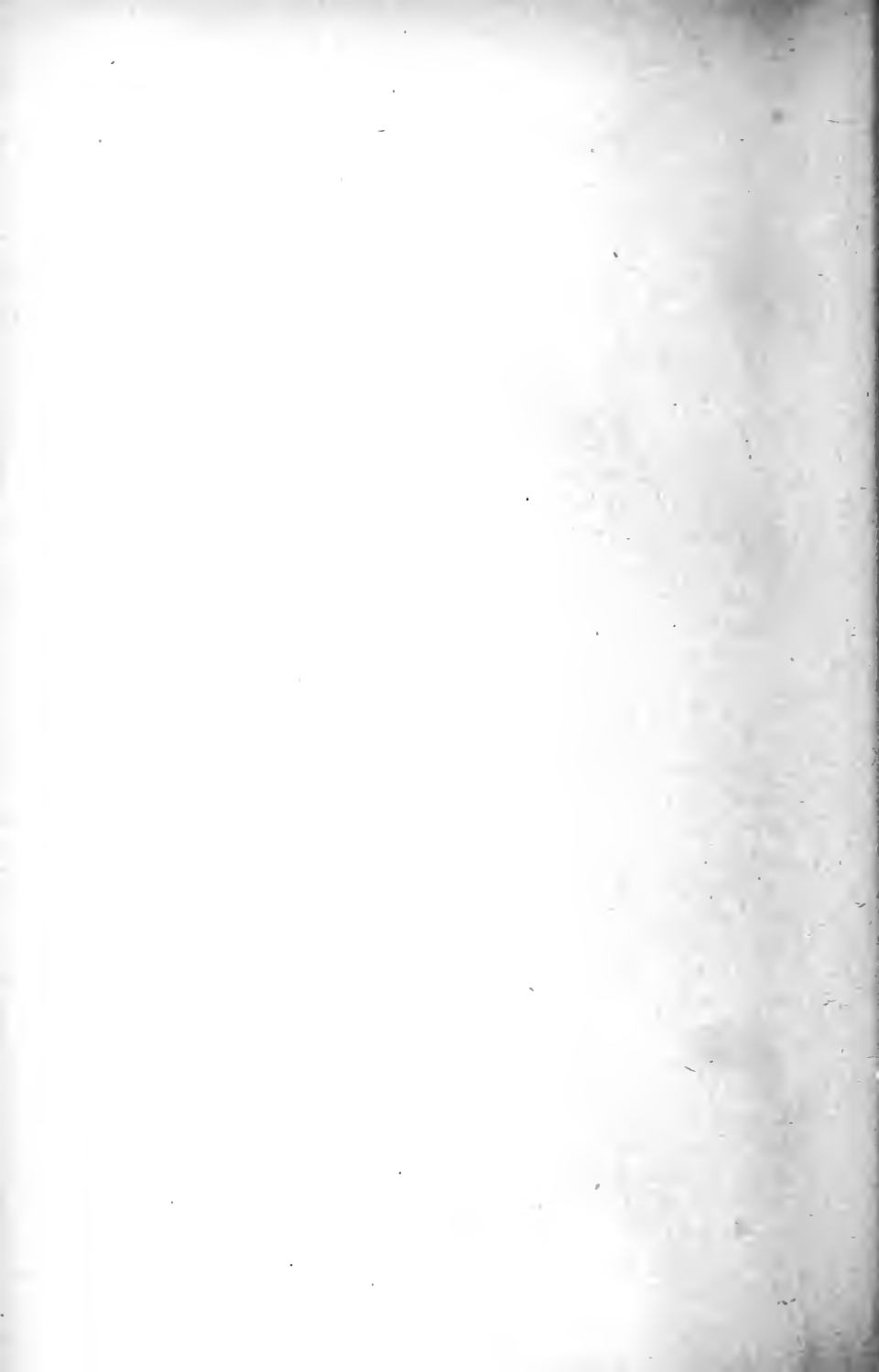
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## CHARTER.



## CHARTER

OF

## The Institution of Civil Engineers.

INCORPORATED 3 JUNE, 1828.

GEORGE THE FOURTH, by the Grace of God, of the United Kingdom of Great Britain and Ireland King, Defender of the Faith: To all to whom these Presents shall come, Greeting:

WHEREAS THOMAS TELFORD, of Abingdon Street, in our city of Westminster, Esquire, a Fellow of the Royal Societies of London and Edinburgh, and others of our loving subjects, have formed themselves into a Society for the general advancement of Mechanical Science, and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer, being the art of directing the Great Sources of Power in Nature for the use and convenience of man, as the means of production and of traffic in states both for external and internal trade, as applied in the construction of roads, bridges, aqueducts, canals, river navigation and docks, for internal intercourse and exchange, and in the construction of ports, harbours, moles, breakwaters and lighthouses, and in the art of navigation by artificial power for the purposes of commerce, and in the construction and adaptation of machinery, and in the drainage of cities and towns: And have subscribed and collected considerable sums of money for those purposes: And We have been besought to grant to them, and to those who shall hereafter become members of the same Society, our Royal Charter of Incorporation, for the purposes aforesaid: Now KNOW YE, that We, being desirous of encouraging a design so laudable

The nature and object of the Society.

Name of the  
Society.

and salutary, of our especial grace, certain knowledge, and mere motion, have willed, granted, and declared: And do by these presents, for us, our heirs and successors, will, grant, and declare, that the said THOMAS TELFORD, and such others of our loving subjects as have formed themselves into, and are now members of the said Society, or who shall at any time hereafter become members thereof, according to such regulations or by-laws as shall be hereafter framed or enacted, shall, by virtue of these presents, be the members of, and form one Body Politic and Corporate, for the purposes aforesaid, by the name of "THE INSTITUTION OF CIVIL ENGINEERS;" by which name they shall have perpetual succession, and a common seal, with full power and authority to alter, vary, break, and renew the same, at their discretion: and by the same name to sue, and be sued, implead, and be impleaded, answer, and be answered unto, in every court of us, our heirs and successors; and be for ever able and capable in the law, to purchase, receive, possess, and enjoy to them and their successors, any goods and chattels whatsoever, and also be able and capable in the law (notwithstanding the statutes of mortmain) to take, purchase, possess, hold and enjoy to them and their successors, a Hall, and any messuages, lands, tenements, or hereditaments whatsoever, the yearly value of which, including the site of the said Hall, shall not exceed in the whole the sum of one thousand pounds, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof; and to act in all the concerns of the said body politic and corporate for the purposes aforesaid, as fully and effectually to all intents, effects, constructions, and purposes whatsoever, as any other of our liege subjects, or any other body politic or corporate in our United Kingdom of Great Britain and Ireland, not being under any disability, might do in their respective concerns. And We do hereby grant our especial licence and authority unto all and every person and persons, bodies politic and corporate (otherwise competent), to grant, sell, alien, and convey in mortmain, unto and to the use of the said Society. and their successors, any messuages, lands, tenements, or hereditaments, not exceeding such annual value as aforesaid,



And our will and pleasure is, and We further grant and declare, that there shall be a General Meeting of the members of the said body politic and corporate, to be held from time to time, as hereinafter mentioned, and that there shall always be a Council, to direct and manage the concerns of the said body politic and corporate; and that the General Meetings and the Council shall have the entire direction and management of the same, in the manner, and subject to the regulations, hereinafter mentioned. But our will and pleasure is, that at all General Meetings, and Meetings of the Council, the majority of the members present, and having a right to vote thereat respectively, shall decide upon the matters propounded at such Meetings, the person presiding therein having, in case of an equality of numbers, a second or casting vote. And We do hereby also will, grant, and declare, that the Council shall consist of a President, four Vice-Presidents, and not more than fifteen, nor less than seven other Members, to be elected out of the Members of the said body politic and corporate; and that the first Members of the Council, exclusive of the President, shall be elected within six calendar months after the date of this our Charter; and that the said THOMAS TELFORD shall be the first President of the said body politic and corporate. And We do hereby further will, grant, and declare, that it shall be lawful for the Members of the said body politic and corporate, hereby established, to hold General Meetings once in the year, or oftener, for the purposes hereinafter mentioned (viz.); That the General Meeting shall choose the President, Vice-Presidents, and other Members of the Council; that the General Meetings shall make and establish such by-laws as they shall deem to be useful and necessary for the regulation of the said body politic and corporate, for the admission of Members, for the management of the estates, goods and business of the said body politic and corporate, and for fixing and determining the manner of electing the President, Vice-Presidents, and other Members of the Council, and the period of their continuance in office; as also of electing and appointing a Treasurer, two Auditors, and two Secretaries, and such other officers, attendants, and servants, as shall be deemed necessary or useful for the said body politic and corporate; and such by-laws

A General Meeting and Council.

The Member presiding at any Meeting shall have a second or casting vote. Constitution of the Council.

General Meetings.

General Meetings to make by-laws and regulations.

Mode of electing Officers to be defined by by-laws.

By-laws may  
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No by-law to  
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Council to have  
sole manage-  
ment of the  
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Property  
vested in the  
Members.

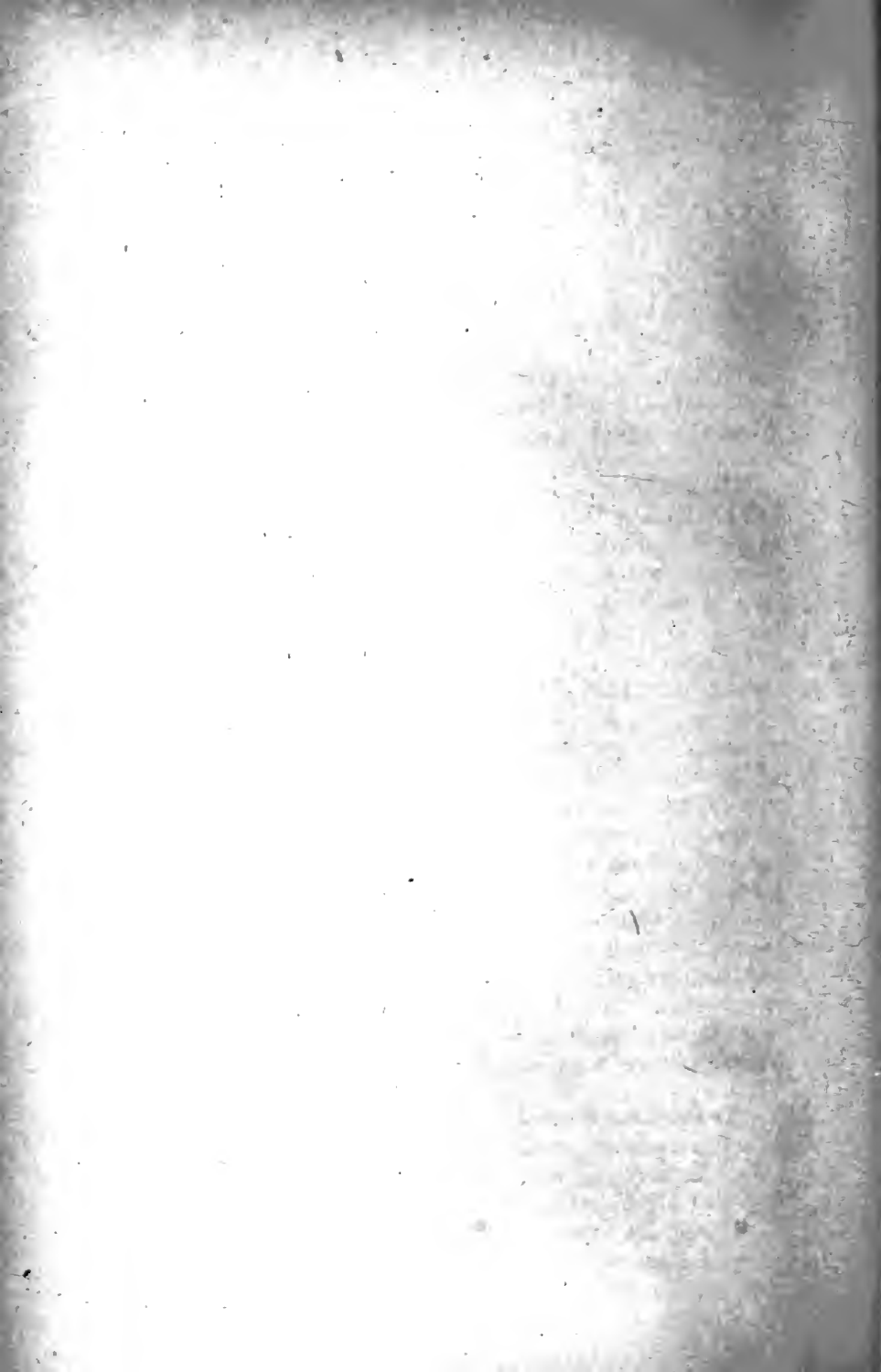
No by-laws to  
be made con-  
trary to the  
laws of this  
Realm.

from time to time shall or may alter, vary, or revoke, and shall or may make such new and other by-laws as they shall think most useful and expedient, so that the same be not repugnant to these presents, or to the laws and statutes of this our Realm; and shall and may also enter into any resolution, and make any regulation, respecting any of the affairs and concerns of the said body politic and corporate, that shall be thought necessary and proper. And We further will, grant, and declare, that the Council shall have the sole management of the income and funds of the said body politic and corporate, and also the entire management and superintendence of all the other affairs and concerns thereof; and shall or may, but not inconsistently with, or contrary to the provisions of this our Charter, or any existing by-law, or the laws and statutes of this our Realm, do all such acts and deeds as shall appear to them necessary or essential to be done, for the purpose of carrying into effect the objects and views of the said body politic and corporate. And We further will, grant, and declare, that the whole property of the said body politic and corporate shall be vested, and We do hereby vest the same solely and absolutely in the Members thereof, and that they shall have full power and authority to sell, alienate, charge or otherwise dispose of the same, as they shall think proper; but that no sale, mortgage, incumbrance, or other disposition of any messuages, lands, tenements, or hereditaments, belonging to the said body politic and corporate, shall be made, except with the approbation and concurrence of a General Meeting. And We lastly declare it to be our Royal will and pleasure, that no resolution, or by-law, shall on any account or pretence whatsoever be made by the said body politic and corporate in opposition to the general scope, true intent, and meaning of this our Charter, or the laws or statutes of our Realm; and that if any such rule or by-law shall be made, the same shall be absolutely null and void, to all intents, effects, constructions, and purposes whatsoever. In witness whereof We have caused these our Letters to be made Patent. Witness Ourself at our Palace of Westminster, this third day of June, in the ninth year of our reign.

By Writ of Privy Seal.

SCOTT.

**SUPPLEMENTAL CHARTER, 1887.**



## SUPPLEMENTAL CHARTER.

3 August, 1887.

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VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith: To all to whom these presents shall come, Greeting:

WHEREAS the body politic and corporate of THE INSTITUTION OF CIVIL ENGINEERS was incorporated under or by virtue of a certain Charter or Letters Patent bearing date at Westminster the 3rd day of June in the ninth year of the Reign of King George the Fourth, and the said Institution is now regulated and governed by and according to the provisions of the said Charter or Letters Patent, and also by or according to certain by-laws and regulations made by the said Institution: AND WHEREAS by the said Charter or Letters Patent the said Institution has full power and authority *inter alia* to be able and capable in the law (notwithstanding the statutes of mortmain) to take, purchase, possess, hold and enjoy to them and their successors a Hall, and any messuages, lands, tenements or hereditaments whatsoever, the yearly value of which, including the site of the said Hall, shall not exceed in the whole the sum of one thousand pounds, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof: AND WHEREAS the said Institution presented their humble petition to us, alleging, *inter alia*, as follows:

“At the time the said Charter was granted the number of members of all classes was 156, and the income for that year was £446 16s.; the number of members of all classes on the 3rd of June, 1886, was 5,174, and the total annual receipts of the said Institution for the past year were £19,945. The premises now

occupied by the Institution are situate at No. 25 Great George Street, Westminster, and the Institution entered into possession of them at Christmas 1839. The said premises have become and are totally inadequate for the accommodation now required: It is therefore in contemplation to acquire additional property adjoining the said premises for the extension thereof. The powers of the Charter as to holding land have become exhausted, and the Institution are therefore desirous that the yearly value of the property to be held by them should be extended to the sum of £10,000 at the time of purchase."

Therefore the petitioners most humbly supplicated Us to grant Our Royal Charter, enlarging the Charter of Incorporation for the purpose of empowering the Institution to purchase and hold messuages, lands, tenements and hereditaments of a yearly value not exceeding at the time of purchase the sum of £10,000.

Now KNOW YE, that We, taking the premises into Our Royal consideration of Our especial grace, certain knowledge and mere motion, have granted, constituted and appointed, and by these presents for Us, Our heirs and successors, do grant, constitute and appoint as follows, that is to say:—

1. That the powers of The Institution of Civil Engineers notwithstanding the Statutes of Mortmain, to take purchase, possess, hold and enjoy to them and their successors, a Hall, and any messuages, tenements or hereditaments whatsoever, the yearly value whereof was not to exceed the yearly value in the said Charter mentioned, and the powers unto all and every person and persons, bodies politic and corporate (otherwise competent), to grant, sell, alien, and convey in mortmain, unto and to the use of the said Society, and their successors, any messuages, lands, tenements or hereditaments, not exceeding the yearly value therein mentioned, shall be and are hereby extended, so that the yearly value of the Hall, messuages, lands, tenements and hereditaments, acquired or to be acquired

under the said Charter and this Charter, shall not exceed £8,000, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof: PROVIDED, that such messuages, tenements or hereditaments shall be aliened, taken and held by the said Institution to be used and enjoyed solely for the purposes thereof and not otherwise.

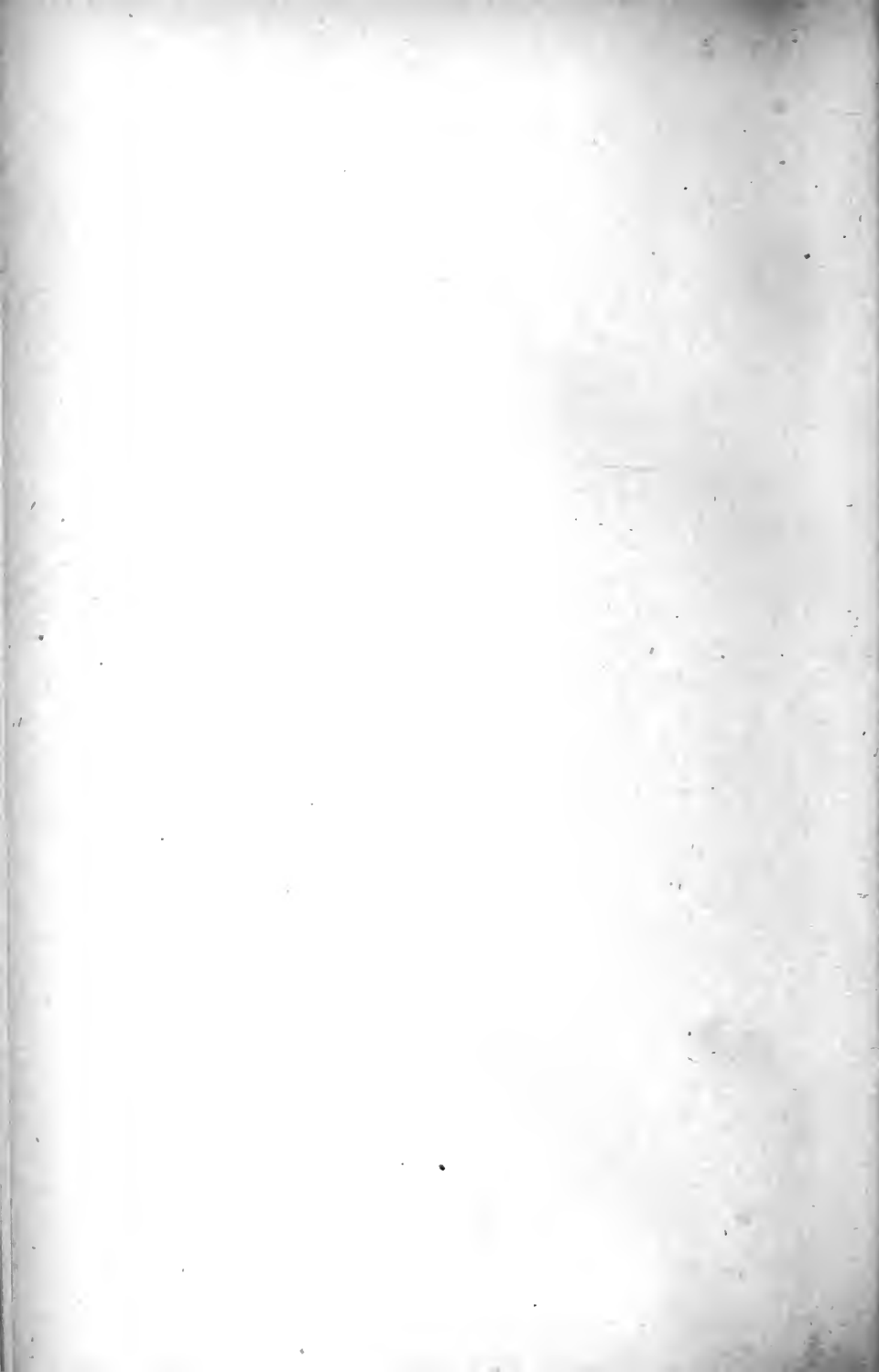
2. And We do hereby, for Us, Our heirs and successors, grant and declare that these Our Letters Patent, or the enrolment or exemplification thereof, shall be in all things valid and effectual in law according to the true intent and meaning of the same, and shall be construed and adjudged in the most favourable and beneficial sense for the best advantage of the said Institution, as well in Our Courts as elsewhere, notwithstanding any recital, misrecital, uncertainty or imperfection in these Our Letters Patent.

IN WITNESS whereof We have caused these Our Letters to be made Patent. Witness ourself at Westminster the 3rd day of August, in the fifty-first year of Our Reign.

By Warrant under the Queen's Sign Manual,

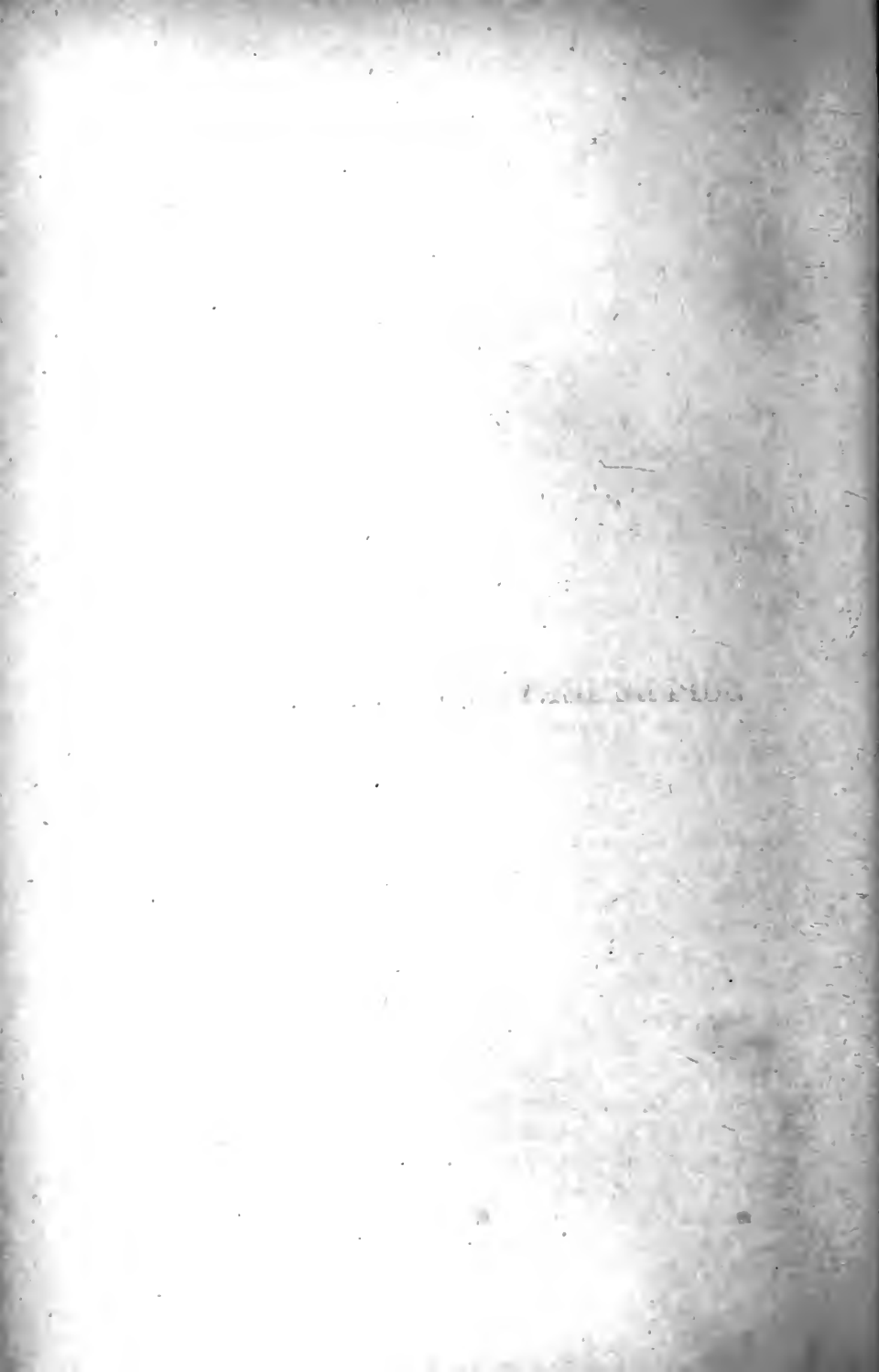
MUIR MACKENZIE.







SUPPLEMENTAL CHARTER, 1896.



## SUPPLEMENTAL CHARTER.

*20th March, 1896.*

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith: To all to whom these presents shall come, Greeting:

WHEREAS the body politic and corporate of THE INSTITUTION OF CIVIL ENGINEERS was incorporated under or by virtue of a certain Charter or Letters Patent bearing date at Westminster the 3rd day of June, in the ninth year of the reign of King George the Fourth, and the said Institution is now regulated and governed by and according to the provisions of the said Charter or Letters Patent, and a certain Supplemental Charter or Letters Patent, dated the 3rd day of August, in the fifty-first year of Our reign, and by or according to certain By-laws and regulations made by the said Institution. AND WHEREAS by the said Charter or Letters Patent of the ninth year of the reign of King George the Fourth it is provided (inter alia) that there shall be a General Meeting of the Members of the said body politic and corporate to be held from time to time as therein mentioned, and that there shall always be a Council to direct and manage the concerns of the said body politic and corporate, and that the General Meetings and the Council shall have the entire direction and management of the same in the manner and subject to the regulations therein mentioned, and that at all General Meetings and Meetings of the Council the majority of the members present and having the right to vote thereat respectively shall decide upon the matters propounded at such Meetings, the person presiding therein having, in case of an equality of numbers, a second or casting vote. And that the Council shall consist of a President, four Vice Presidents, and not more than fifteen

nor less than seven other Members, to be elected out of the said body politic and corporate, and that it shall be lawful for the said body politic and corporate to hold General Meetings once in the year or oftener, for the purposes therein mentioned, including (inter alia) that the General Meeting shall choose the President, Vice Presidents, and other Members of the Council, and that the General Meetings shall make and establish such By-laws as they shall deem to be useful and necessary for the regulation of the said body politic and corporate and (inter alia) for fixing and determining the manner of electing the President, Vice Presidents, and other Members of the Council. AND WHEREAS the said recited portions of the Charter of the ninth year of the reign of King George the Fourth were unaffected by the said Supplemental Charter of the fifty-first year of Our reign, and still remain in force. AND WHEREAS the said Institution presented their humble Petition to Us alleging (inter alia) as follows:—

At the time the said Charter of the ninth year of the reign of King George the Fourth was granted, the number of Members of all classes was one hundred and fifty-six; the prescribed number of the Council was sufficient to enable the Institution to place upon the Council an adequate number of representative men having regard to the total number of Members, and the scope of all branches of Engineering science, as then taught and practised throughout the Realm; and the number of Members residing in or near to the Metropolis formed a large proportion of the whole number, and could reasonably be expected personally to attend General Meetings for the purpose of electing a President, Vice Presidents, and other Members of the Council.

On the 2nd day of January, One thousand eight hundred and ninety-six, the number of Members of all classes was Five thousand nine hundred and sixty-nine; the prescribed number of Members of the Council is no longer sufficient to enable the Institution to place on the Council an adequate number of representative

men having regard to the total number of Members, and the scope of all branches of Engineering science, as now taught and practised throughout the Realm; and the number of Members residing in or near the Metropolis now forms a comparatively small portion of the whole number, and a large proportion cannot now be reasonably expected, personally, to attend General Meetings for the purpose of electing a President, Vice Presidents, and other Members of Council. It is desired by the Members of the Institution, and is expedient, that the maximum number of Members of the Council (exclusive of the President and Vice Presidents) should no longer be limited to fifteen, but should be such number as may be from time to time fixed by the By-laws, having regard to the growth and requirements of the Institution, and that in the maximum number there may be included such number (not being more than four), of Past Presidents of the Institution, to be appointed by the Council from time to time in accordance with By-laws to be made in that behalf, to act as Members of the Council together with the President, Vice Presidents, and elected Members of the Council; and that the minimum number of Members of the Council (exclusive of the President and Vice Presidents, but inclusive of any Past Presidents appointed as aforesaid) should be raised from seven to twenty-two; and that the power of taking part in the election of a President, Vice Presidents, and elected Members of Council should not be confined to Members actually present at a General Meeting; and that the Institution should have power to conduct such election by means of ballot or voting papers in such manner as may be from time to time prescribed by By-laws made in accordance with the said Charters.

Therefore the Petitioners most humbly supplicated Us to grant Our Royal Charter for the purpose of enabling the number of Members of the Council of the Institution to be enlarged in manner aforesaid, and for the purpose of enabling

the votes of Members not actually present at a Meeting to be taken into account in the election of the President, Vice Presidents, and other Members of the Council of the Institution.

NOW KNOW YE that We, taking the premises into Our Royal consideration, of Our especial grace, certain knowledge and mere motion, Have granted, constituted, and appointed, and by these presents, for Us, Our heirs and successors, Do grant, constitute and appoint in manner following, that is to say:—

THAT, notwithstanding anything in the Charter of the ninth year of the reign of King George the Fourth, incorporating THE INSTITUTION OF CIVIL ENGINEERS, the By-laws of the Institution may from time to time prescribe a maximum number of Members of the Council (other than and exclusive of the President and Vice Presidents) and that from and after the enactment of any such By-law the number of Members of the Council (other than and exclusive of the President and Vice Presidents) shall not be more than the maximum so prescribed, nor less than twenty-two.

THAT, notwithstanding anything in the said Charter, the By-laws of the Institution may from time to time prescribe that a certain number (not being more than four) of the Members of the Council shall be former Presidents of the Institution, to be appointed by the Council from time to time, in accordance with such By-laws, to act as Members of Council together with the President, Vice Presidents, and elected Members of the Council, and so that the Past Presidents so appointed shall, while they hold office under such appointment, be deemed to be members of the Council for the purpose of computing the maximum and minimum number of Members, and for all other purposes.

THAT, notwithstanding anything in the said Charter, the votes of Members not actually present at Meetings at which the election of the President, Vice Presidents, and other Members of the Council (other than Past Presidents appointed under this Our Charter) is propounded, or at which the President, Vice Presidents, and Members (other than as last aforesaid) are chosen, may be taken into account by means of ballot or voting papers or instruments of proxy

as may be prescribed by by-laws from time to time framed for that purpose by the Institution.

THAT the Council, consisting of a President, four Vice Presidents, and not more than the maximum number for the time being prescribed by the By-laws, nor less than twenty-two other Members constituted in accordance with this Our Charter, shall have the direction and management of the concerns of the said body politic and corporate, and the rights and duties conferred on the Council elected out of the said body politic and corporate in accordance with the said Charter of the ninth year of the reign of King George the Fourth.

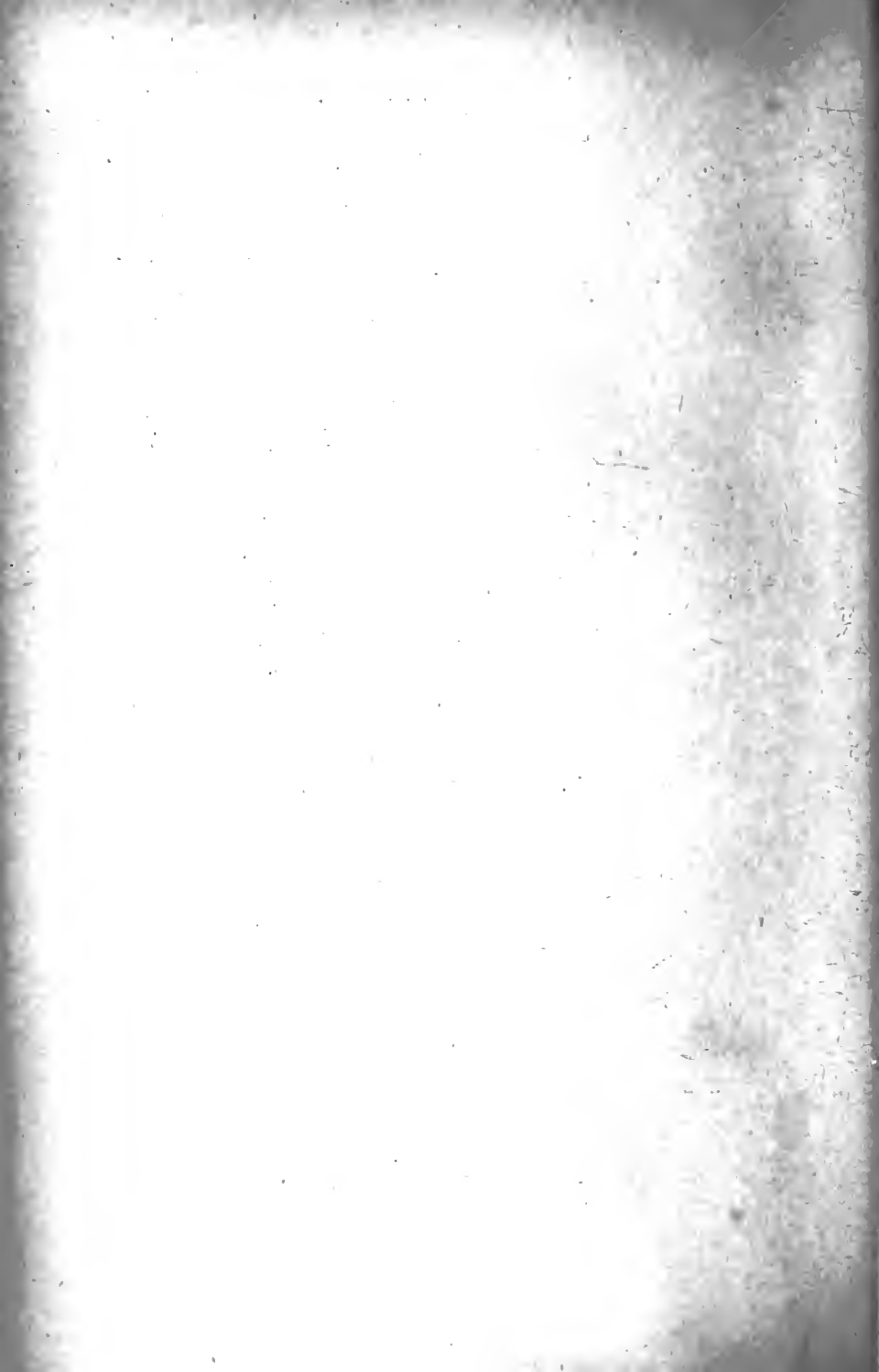
AND We do hereby, for Us, Our heirs and successors, grant and declare that these Our Letters Patent, or the enrolment or exemplification thereof, shall be in all things valid and effectual in law according to the true intent and meaning of the same, and shall be construed and adjudged in the most favourable and beneficial sense for the best advantage of the said Institution, as well in Our Courts as elsewhere, notwithstanding any recital, misrecital, uncertainty, or imperfection in these Our Letters Patent.

IN WITNESS whereof We have caused these Our Letters to be made Patent. Witness Ourselves at Westminster, the twentieth day of March, in the Fifty-ninth year of our reign.

BY WARRANT UNDER THE QUEEN'S SIGN  
MANUAL.

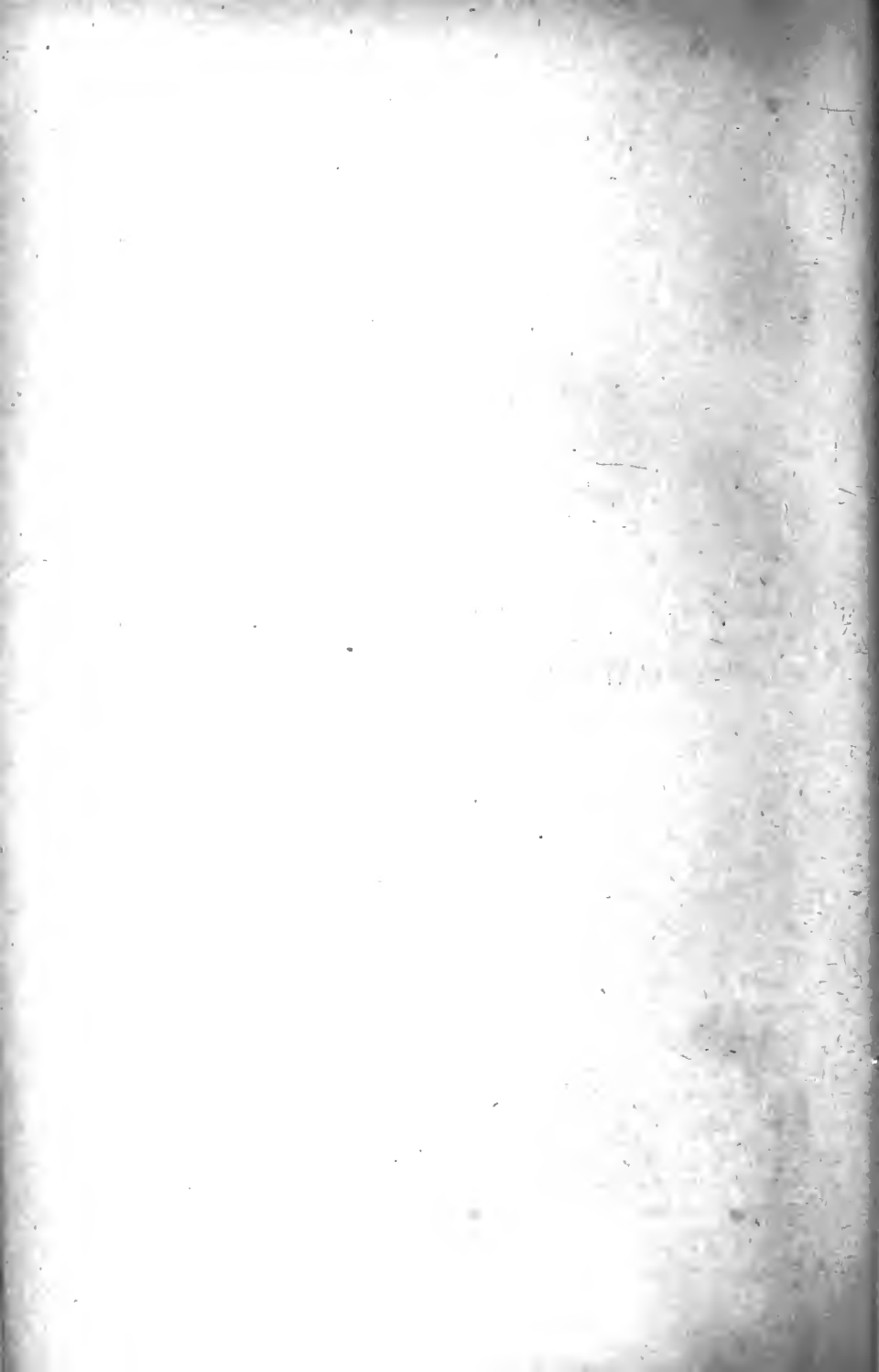
MUIR MACKENZIE.







BY-LAWS AND REGULATIONS.



BY-LAWS AND REGULATIONS  
OF  
The Institution of Civil Engineers,

AS AMENDED 15 APRIL, 1896.

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SECTION I.

OBJECTS.

THE INSTITUTION OF CIVIL ENGINEERS was first established, and has since been incorporated by Royal Charter, for the general advancement of Mechanical Science, and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer.

SECTION II.

CONSTITUTION.

1. THE INSTITUTION OF CIVIL ENGINEERS shall consist of Members, of such Associates as are hereinafter declared to be entitled to the privileges of Corporate Membership, and of Honorary Members. All such Members, Associates, and Honorary Members may hereafter be referred to as Corporate Members. The Institution may also have attached to it Associates who are not entitled to the privileges of Corporate Membership, and Students.

2. MEMBERS shall comprise every person, other than an Associate or an Honorary Member, who on the 2nd of December, 1878, was on the Register as a Member; and every person thereafter elected or transferred into the class of Members. Every Candidate for election or transfer into the class of Members shall be more than twenty-five years of age, and come within one of the following conditions:—

He shall have been regularly educated as a Civil Engineer according to the usual routine of pupillage, and have had sub-

sequent employment for at least five years, and shall be actually engaged at the time of his application for election, in responsible situations as Resident Engineer, or otherwise, in some of the branches defined by the Charter as constituting the profession of a Civil Engineer ; or,

He shall have practised on his own account in the profession of a Civil Engineer for at least five years, and shall have acquired a considerable degree of eminence in the same.

3. ASSOCIATES shall be divided into those who are and those who are not entitled to the privileges of Corporate Membership.

4. ASSOCIATES ENTITLED TO THE PRIVILEGES OF CORPORATE MEMBERSHIP shall comprise every person who, on the 2nd of December, 1878, was on the Register as an Associate, and every person thereafter elected into the class of Associates entitled to the privileges of Corporate Membership.

Every candidate for election into the class of Associates entitled to the privileges of Corporate Membership shall be more than twenty-five years of age, shall have been regularly educated as a Civil Engineer, and shall be actually engaged at the time of his application for election, in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter ; or,

He shall satisfy the Council that he has had a sufficient training, and that he has been engaged for at least five years and that he is actually engaged at the time of his application for election, in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter.

5. Candidates for election into the class of Associates not entitled to the privileges of Corporate Membership shall be persons of more than twenty-five years of age, who are not Civil Engineers by profession, but whose pursuits constitute branches of Engineering, or who by their connection with Science or the Arts, or otherwise, are qualified to concur with Civil Engineers in the advancement of professional knowledge.

6. HONORARY MEMBERS shall be either distinguished individuals, who from their position are enabled to render assistance in the prosecution of public works, or persons eminent for science and experience in pursuits connected with the profession of a Civil Engineer, but who are not engaged in the

practice of that profession in the United Kingdom or its dependencies.

All persons who at the date of the passing of these By-Laws are on the Register as Honorary Members shall continue to be such.

7. STUDENTS shall be persons not under eighteen years of age, who are, or have been, pupils of Corporate Members of the Institution, and who have the object or intention of becoming engaged in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter; and such persons may continue Students until they attain the age of twenty-six years, but not longer.

8. The Officers of the Institution shall be a President, four Vice-Presidents, and other Members of Council to be elected or nominated under the By-Laws, who shall constitute the Council to direct and manage the concerns of the Institution; also two Auditors of Accounts, a Treasurer, and two Secretaries. Such Officers shall be elected or appointed annually in manner hereinafter directed.

9. Any Member, Associate being a Corporate Member, Associate, Honorary Member, or Student, having occasion to designate himself as belonging to the Institution, shall state the class to which he belongs, according to the following abbreviated forms, *viz.* M. Inst. C.E., Assoc. M. Inst. C.E., Assoc. Inst. C.E., Hon. M. Inst. C.E., Stud. Inst. C.E.: it being understood that those Associates on the Register on the 2nd of December, 1878, who are Civil Engineers by profession, and those Associates thereafter elected to the privileges of Corporate Membership, shall alone be entitled to use the abbreviated form Assoc. M. Inst. C.E.

### SECTION III.

#### ELECTION, TRANSFER AND EXPULSION OF MEMBERS, ASSOCIATES AND HONORARY MEMBERS.

1. Any person desirous of being elected a Member, Associate, or Honorary Member, must be proposed and recommended according to the Form A in the Appendix, in which the name, usual residence, and qualifications of the candidate shall

be distinctly specified. This Form must be signed by at least six Corporate Members certifying a personal knowledge of the candidate, and a full conviction of his qualifications.

2. The proposal so made, being delivered to the Secretary, shall be submitted to the Council, who, on approving the qualifications, shall determine the class for which the candidate is to be presented for ballot. The Chairman of the Council shall sign the proposal, which shall be read at the next Ordinary Meeting of the Institution, and be placed in some conspicuous situation until the candidate is balloted for, and six clear days shall elapse between the reading of the proposal and the Ballot.

3. Any person whose proposal has been passed by the Council shall be duly informed of it by a letter, according to Form C, enclosing an engagement (Form D); and he shall not be put up for ballot until he shall have returned the engagement (Form D), with his signature appended.

4. Ballots shall take place at the first Ordinary Meeting of the Institution in the month of December in each year, and at the first Meeting in each ensuing month during the Session, and at the last Meeting but one in the Session. Only Corporate Members have the right of voting.

5. Every candidate shall be declared to be elected unless there be at least one negative vote for every four affirmative votes.

6. In any election a second ballot shall be granted, at the same Meeting, if it be demanded immediately by any three persons present having a right to vote.

7. In case of the non-election of any person balloted for no notice shall be taken thereof on the minutes.

8. The proposal for transferring any person from the class of Associates entitled to the privileges of Corporate Membership to the class of Members shall be according to Form B in the Appendix. This form being subscribed by at least ten Corporate Members, and delivered to the Secretary, shall be submitted to the Council, who, subject to the conditions hereinbefore set forth, may, if they think fit, make the proposed transfer.

9. Any person duly elected a Member, Associate, or Honorary Member, or transferred from one class to another, shall be informed thereof without delay, by a letter, according to the Form E, enclosing a promise (Form F), which promise the

person elected or transferred must sign and return to the Secretary, and he must pay the admission fee and annual subscription for the current year (or the increase thereof in case of transfer) within two months after the date of his election or transfer which otherwise shall become void; but the Council may in particular cases extend the time.

10. Every individual elected, and having signed the Form F in the Appendix, and the Register of the Institution, and having likewise made the proper payments, shall receive the diploma of his election. At the first Ordinary Meeting at which he is present, he shall, after having fulfilled the foregoing requirements, be introduced according to the ensuing form: *viz.* the President or Chairman of the Meeting, addressing him by name, shall say, "As President (or as Chairman of this Meeting) of THE INSTITUTION OF CIVIL ENGINEERS, I introduce Mr. A. B. as a Member, Associate, or Honorary Member (as the case may be)."

11. The Council shall have the right, by a majority of two-thirds of those present at a meeting of the Council, to expel from the Institution any Member or Associate who may be convicted, by a competent tribunal, of felony, embezzlement, larceny, or misdemeanour, or other offence which, in the opinion of the Council, renders him unfit to be a member; and in case the expulsion of any Member or Associate shall be judged expedient on any ground whatever by twenty Corporate Members, and they think fit to draw up and sign a proposal requiring such expulsion, the same being delivered to the Secretary, shall be by him laid before the Council for consideration. If the Council, after due inquiry, do not find reason to concur in the proposal, no entry thereof shall be made in any Minutes, nor shall any public discussion thereon be permitted; but if the Council do find good reason for the proposed expulsion, they shall direct the Secretary to address a letter, according to the Form G in the Appendix, to the person proposed to be expelled, advising him to withdraw from the Institution. If that advice be followed, no entry shall be made on the Minutes, nor any public discussion on the subject be permitted; but if that advice be not followed, nor a satisfactory explanation given, the Council shall call a Special General Meeting of Corporate Members

for the purpose of deciding on the question of expulsion; and if a majority of the persons present at such Special General Meeting, provided the number so present be not less than fifty, vote that such individual be expelled, the Chairman of that Meeting shall declare the same accordingly, and the Secretary shall communicate the same to the individual according to the Form H in the Appendix.

## SECTION IV.

### ADMISSION AND PRIVILEGES OF STUDENTS.

1. Students may be admitted by the Council on the recommendation (according to Form A 2 in the Appendix) of the Corporate Member under whom they are, or have been, pupils; and they may remain Students of the Institution, at and during the pleasure of the Council, until they attain the age of twenty-six years, when they shall cease to be Students.

2. Any person admitted as a Student shall be informed thereof by letter (according to the Form E 1 in the Appendix) stating that the first year's subscription must be paid within two months, otherwise the admission will be void. When the first subscription shall have been paid he shall be entitled to attend the Ordinary Meetings, but not to vote at such Meetings, and to have the use of the Library (subject to such regulations as the Council may from time to time prescribe), as well as to receive a copy of the Minutes of Proceedings relating to each session during which he shall continue to be a Student.

3. Students of the Institution are eligible to compete for the premiums or prizes arising out of the "Miller Fund," and any other funds devoted by the Institution, or by any person or persons, for premiums or prizes for Students.

4. The Council may accord to Students other privileges, but subject to such terms, regulations, and restrictions, as they shall from time to time prescribe.

5. No Student will be allowed to introduce a stranger into the rooms of the Institution.



## SECTION V.

## CONTRIBUTIONS TO THE FUNDS.

1. Those Members, Associates, and Students, whose place of business or whose residence is within ten miles of the General Post Office, shall be considered Residents, and those beyond such limits Non-Residents.

2. On change of place of business or of residence, so as to go beyond or come within those limits before each annual contribution becomes due, the amount thereof shall vary accordingly.

3. Each resident Member shall pay four guineas, and each non-resident Member three guineas, per annum.

4. Each resident Associate shall pay three guineas, and each non-resident Associate two guineas and a half, per annum.

5. Each resident Student shall pay two guineas, and each non-resident Student one guinea and a half, per annum.

6. Every new Member and Associate shall on admission to the Institution pay a fee of ten guineas; but no payment, other than the increased annual subscription, shall be due from an Associate on his transfer to Membership.

7. Any Member, or Associate, whose subscription is not in arrears, may, if resident in the United Kingdom, compound for future annual subscriptions by the payment of fifty guineas. Any Member, or Associate, residing abroad, may compound by the payment of twenty-five guineas; but should he come to reside in the United Kingdom, he shall pay the remainder of the composition, *viz.*, twenty-five guineas, or the usual annual subscription during such residence. All such compositions shall be invested, and the interest alone shall be appropriated to the current expenditure of the Institution, except by special direction of the Council on the report and recommendation of the Finance Committee.

8. All annual subscriptions are due on the first of January in each year for the year then commencing, and must be paid before the first of April of that year; any Member, Associate, or Student, whose subscription is in arrear shall not be entitled to attend any Meeting. The subscription of any Member or Associate, elected at the Ballot in December, shall become due

on the first of January next ensuing: and the subscription of any Student admitted in the month of November or December shall become due on the first of January next ensuing.

9. Every individual elected a Member, or Associate, and every Student, shall be liable for the payment of his annual subscriptions, until he has signified to the Secretary, in writing, his desire to resign, having previously paid all arrears, or until he has forfeited his right to remain in, or to be attached to, the Institution.

10. Any person whose subscription is two years in arrear, that is to say, whose arrears and current subscription shall not have been paid on or before the first of April, shall be reported to the Council, who shall direct application to be made to him according to Form I; and in the event of its continuing one month in arrear, after such application, the Council shall have the power, after suitable remonstrance, by letter, in the form so provided (Form K), of erasing the name of the defaulter from the Register or lists of the Institution.

11. In the case of any Corporate Member who has been long distinguished in his professional career, but who, from ill health, advanced age, or other sufficient cause, does not continue to carry on a lucrative practice, the Council, if they find good reason for the remission of the annual subscription, may so remit it. Also they may remit any arrears which are due from such an individual; or may accept a collection of books, or drawings, or models, or such other contribution as, in their opinion, under the circumstances of the case, may entitle the person to be enrolled as a Life Subscriber, or to enable him to resume his former rank in the Institution which may have been in abeyance from any particular cause. These cases must be considered and reported upon to the Council by a Committee appointed by the Council for the purpose.

## SECTION VI.

### CONSTITUTION OF THE COUNCIL.

1. The number of the Council shall be such as the Council in any year may fix for the ensuing year provided that such number shall not be less than twenty-three nor more than

thirty-one inclusive in both cases of the President and Vice Presidents, but exclusive of such of the Past Presidents, if any, as may be appointed by the Council.

The President, the four Vice-Presidents, and other members of the Council (exclusive of Past Presidents, to be appointed by the Council) shall be elected annually, and the Council, when elected for the year, may appoint any number of Past Presidents, not exceeding four, to be members of the Council for the same year.

2. At an Ordinary Meeting at least four weeks before the Annual General Meeting, the Council shall present a list of persons whom they nominate as suitable for the offices of President, Vice-Presidents, and other members of the Council for the ensuing year, exclusive of Past Presidents to be appointed by the Council when elected. The list shall include the names of not less than seven corporate members who have not served on the Council during the current or the preceding year, and the number of names in all shall be at least two in excess of the number of the Council to be elected. The list so presented shall be the balloting list for the annual election on the last Tuesday of the Session.

No person shall be nominated for the office of President more than two years consecutively, and at the expiration of such two years he shall not for a period of three years be eligible to be nominated for that office.

The senior Vice-President in duration of office shall be nominated for President, except he give notice to the Council, at least one month previously, of his intention to decline accepting office.

In case of the decease or resignation of the President, the Council shall be empowered to summon a Special General Meeting of Corporate Members who shall proceed to the nomination and election of a President, the senior Vice-President being nominated as above provided.

3. At the Annual election, each Corporate Member may erase any name or names from the balloting list, and may substitute the name or names of any other person or persons eligible for each respective office; but the number of names on the list, after such erasure or substitution, must be, without the repetition of any of them, the number to be elected to the respec-

tive offices as above enumerated. Those lists which do not accord with these directions shall be rejected by the Scrutineers.

4. At the Ordinary Meeting next before the Annual General Meeting the members shall choose two or more persons as Scrutineers for the purposes of the Ballot. The Balloting List shall immediately after the Ordinary Meeting at which it has been presented by the Council be issued to all members in the United Kingdom, and to any other member residing elsewhere, who may, in writing, request to have the list forwarded to him, and shall be returned to the Secretary, at least three days before the Annual General Meeting, in a closed envelope. The Scrutineers shall open the envelopes and count the votes and report the result at the Annual General Meeting. Any Balloting List on which a member has voted for a number either more or less than one person as President, four persons as Vice-Presidents, and the prescribed number of persons as other elected Members of the Council, shall be rejected by the Scrutineers.

5. The two Auditors shall be elected or appointed by the Annual General Meeting.

6. The Treasurer and Secretaries shall be appointed annually by the Council.

## SECTION VII.

### THE PRESIDENT.

The President shall take the chair at all Meetings of the Institution, the Council, and the Committees, at which he is present, and shall regulate and keep order in the proceedings.

## SECTION VIII.

### THE VICE-PRESIDENTS.

In the absence of the President, it shall be the duty of the Vice-Presidents to preside in rotation at the Meetings of the Institution, and to regulate and keep order in the proceedings. But in case of the absence of the President and of all the Vice-

Presidents, the Meeting may elect any member of Council, or, in case of their absence, any Corporate Member present, to take the chair at the Meeting.

## SECTION IX.

### PROCEEDINGS OF THE COUNCIL.

1. The direction and management of the concerns of the Institution are vested in the Council, under the control of the Charter, By-Laws and Regulations, and of all Resolutions of Special General Meetings of Corporate Members, which have been duly summoned and held in accordance with the Charter and By-Laws, when such Resolutions have been duly entered on the Minutes, and signed by the Chairmen of the Meetings.

2. The Council shall meet as often as the business of the Institution may require; and at every Meeting three shall constitute a quorum. The Council may appoint Committees, for special purposes, to report to the Council.

3. All questions shall be decided in the Council by vote; but at the desire, expressed in writing, of any two members present, the determination of any subject shall be postponed to the succeeding Meeting.

4. A statement of the funds of the Institution, and of the receipts and payments during the past year, terminating on the 31st of March, shall be made, under the direction of the Council, and, after having been verified and signed by the Auditors, shall be laid before the Annual General Meeting.

5. The Council shall draw up a yearly Report on the state of the Institution, which shall be read at the Annual General Meeting.

6. It shall be the duty of the Council to adopt every possible means for the advancement of the Institution; to provide for properly conducting the business of the Institution in all cases of emergency, as the death or resignation of officers; and to arrange for the publication of the Papers read at the Meetings, and of such documents as may be calculated to advance professional knowledge.

## SECTION X.

## THE TREASURER AND THE TWO AUDITORS.

1. The Treasurer shall be a Banker in the Metropolis, with whom all uninvested money belonging to the Institution shall be deposited by the Council on account and for the use of the Institution.

2. No sum of money payable on account of the Institution, amounting to five pounds and upwards, shall be paid except by order of the Council, signed by the Chairman of the Meeting at which the cheque was ordered, and by two other members of Council, and countersigned by the Secretary.

3. The Auditors shall have access at all reasonable times to the Accounts of the pecuniary transactions of the Institution; and they shall verify and sign the annual statement of the Accounts before it is submitted by the Council to the Annual General Meeting.

## SECTION XI.

## THE SECRETARIES.

1. The Secretaries of whom one shall be Honorary, and the other or acting Secretary shall be designated as the Secretary, shall be appointed every year by the Council, at the first Meeting of the Council after the Annual General Meeting.

2. It shall be the duty of the Secretary, under the direction of the Council, to conduct the correspondence of the Institution; to attend all Meetings of the Institution, and of the Council, and of Committees; to take Minutes of the proceedings of such Meetings; to read the Minutes of the preceding Meeting and all communications that may be ordered to be read; to superintend the publication of such Papers as the Council may direct; to have charge of the Library; to direct the collection of the subscriptions and the preparation of the account of the expen-

diture of the funds, and to present all accounts to the Council for inspection and approval. He shall also engage and be responsible for all persons employed under him, and shall generally conduct the ordinary business of the Institution.

## SECTION XII.

### THE SESSIONS AND MEETINGS.

1. The Session of the Institution shall commence annually on the first Tuesday in November, and shall continue till the end of April, and it shall be in the power of the Council to protract the Session, if it appear advisable.

2. The Meetings of the Institution shall be as follows:—1st, the Annual General Meeting of Corporate Members only. 2nd, Ordinary Meetings. 3rd, Special General Meetings of Corporate Members only, for the purpose of making, altering, and establishing By-laws and Regulations, or for any other special business for which such Meetings may be convened.

3. The Annual General Meeting of the Institution shall be held on the last Tuesday of the Session, at eight o'clock in the evening, to receive and deliberate upon the Report of the Council on the state of the Institution, with the annual statement of the Accounts, and to elect the Council and Officers for the ensuing year.

4. The Ordinary Meetings shall be held on every Tuesday, during the Session, at eight o'clock in the evening, with the exception of the Tuesdays between the Tuesday previous to Christmas Eve and the second Tuesday in January, and also with the exception of Easter Tuesday; but it shall be in the power of any Ordinary Meeting, on the recommendation of the Council, to make such other exceptions as may appear advisable. No new question shall be introduced, or motion be made, after ten o'clock.

5. The business of the Ordinary Meetings of the Institution shall be conducted as nearly as possible in the following order:—

1. The Minutes of the preceding meeting to be read, and after having been confirmed, to be signed by the Chairman.

2. Business arising out of the Minutes to be entered on.

3. Communications from the Council to be brought forward.

4. Candidates for election to be announced.

5. Any individual present for the first time since his election, having paid the usual contributions, and signed the Forms and the Register, to be introduced by the Chairman to the Meeting.

6. Original Communications to be read and discussed.

7. Candidates for election to be balloted for.

6. Every Corporate Member shall have the privilege of introducing one stranger, to be present at the Ordinary Meetings of the Institution, on writing his name in a book provided for that purpose, or sending with him a card signed with his name, according to a Form provided.

7. No question shall be discussed, or motion be made, at the Ordinary Meetings, relative to the direction and management of the concerns of the Institution ; such direction and management being vested in the Council, under the control of the Charter and By-Laws, and of the Resolutions of Special General Meetings.

8. The Council may at any time call a Special General Meeting of Corporate Members for a specific purpose relative to the direction and management of the concerns of the Institution ; and the Council are at all times bound to do so on a requisition in writing of twenty Corporate Members, specifying the nature of the business to be transacted.

9. A notice shall be sent to those Corporate Members who reside in the United Kingdom, at least seven days before the time appointed by the Council for such Special General Meeting ; and the notice shall specify the nature of the business to be transacted, and no other than that business shall be transacted at that Meeting. All Corporate Members shall have a right, subject to the provision of Section V., Article 8, to attend and vote, and fifty shall constitute a quorum.



## SECTION XIII.

## OTHER SOCIETIES AND LECTURES.

1. The Council shall have power to grant, from time to time, as they may think fit, the use of the rooms of the Institution to any Society for purposes analogous to those of the Institution, and to any persons who may be desirous of having Lectures delivered on subjects connected with the objects of the Institution.

## SECTION XIV.

## ENACTMENT OF BY-LAWS AND REGULATIONS.

1. The Council, when they may consider it expedient to propose the enactment of any new By-Law or Regulation, or the alteration or repeal of any existing one, shall summon a Special General Meeting of Corporate Members to decide on the same. And the Council are at all times bound to do so on a requisition in writing of twenty Corporate Members, specifying the particular new By-Law or Regulation, or the alteration or repeal of any existing one, which they recommend.

2. A notice shall be sent to those Corporate Members who reside in the United Kingdom, at least seven days before the time appointed by the Council for such Special General Meeting. The notice shall state the general tenour and objects of any new By-Law or Regulation or the alteration or repeal of any existing one, which is to be proposed and discussed; and the business of the Meeting shall be limited thereto. All the Corporate Members of the Institution (but none other than Corporate Members) shall have a right, subject to the provision of Section V., Article 8, to attend and vote, and fifty shall constitute a quorum.

3. No new By-Law or Regulation, or alteration or repeal of any existing By-Law or Regulation, shall be proposed at any Meeting of the Institution, except in the manner above prescribed.

4. It shall be sufficient in all cases if the Forms in the Appendix are substantially followed, and no act or proceeding shall be invalid by reason of any formal defect.

## SECTION XV.

## THE PROPERTY OF THE INSTITUTION.

1. The property and effects of the Institution, of what kind soever, are vested in the Corporate Members for the time being, for the use of the body politic and corporate solely, in furtherance of the public and scientific objects contemplated in the Charter.

2. Under no pretence whatever shall such property and effects, or the income or revenue of the Institution, derived from voluntary contributions or otherwise howsoever, be applied in making any dividend, gift, division, or bonus, unto or between any of the Corporate Members, and the same is hereby expressly prohibited, in conformity with the fundamental law and invariable practice of the Institution, as acted upon from its first establishment; and therefore no proposition in contravention thereof shall be entertained by the Council, or by any Meeting, whether General or Special, of the Corporate Members of the Institution.

3. Every Paper, Map, Plan, Drawing, or Model, presented to the Institution, shall be considered the property thereof, unless there shall have been some previous arrangement to the contrary, and the Council may publish the same in any way and at any time they may think proper. But should the Council refuse or delay the publication of such Paper beyond a reasonable time, the Author thereof shall have a right to copy the same, and to publish it as he may think fit, having previously given notice, in writing, to the Secretary of his intention. Except as hereinbefore provided, no person shall publish, or give his consent for the publication of any communication presented and belonging to the Institution, without the previous consent of the Council.

4. The Library shall be open daily to all Members, Associates, Honorary Members, and Students, from 9.30 A.M. to 5.30 P.M., when they shall have the right to peruse and inspect all Books, Papers, Plans, Maps, &c., belonging to the Institution, and to make copies and extracts therefrom (doing no injury to the same), with the exception of such documents as the Council shall order not to be inspected or copied; but none of the

property of the Institution shall be taken away from the premises without the express permission of the Council.

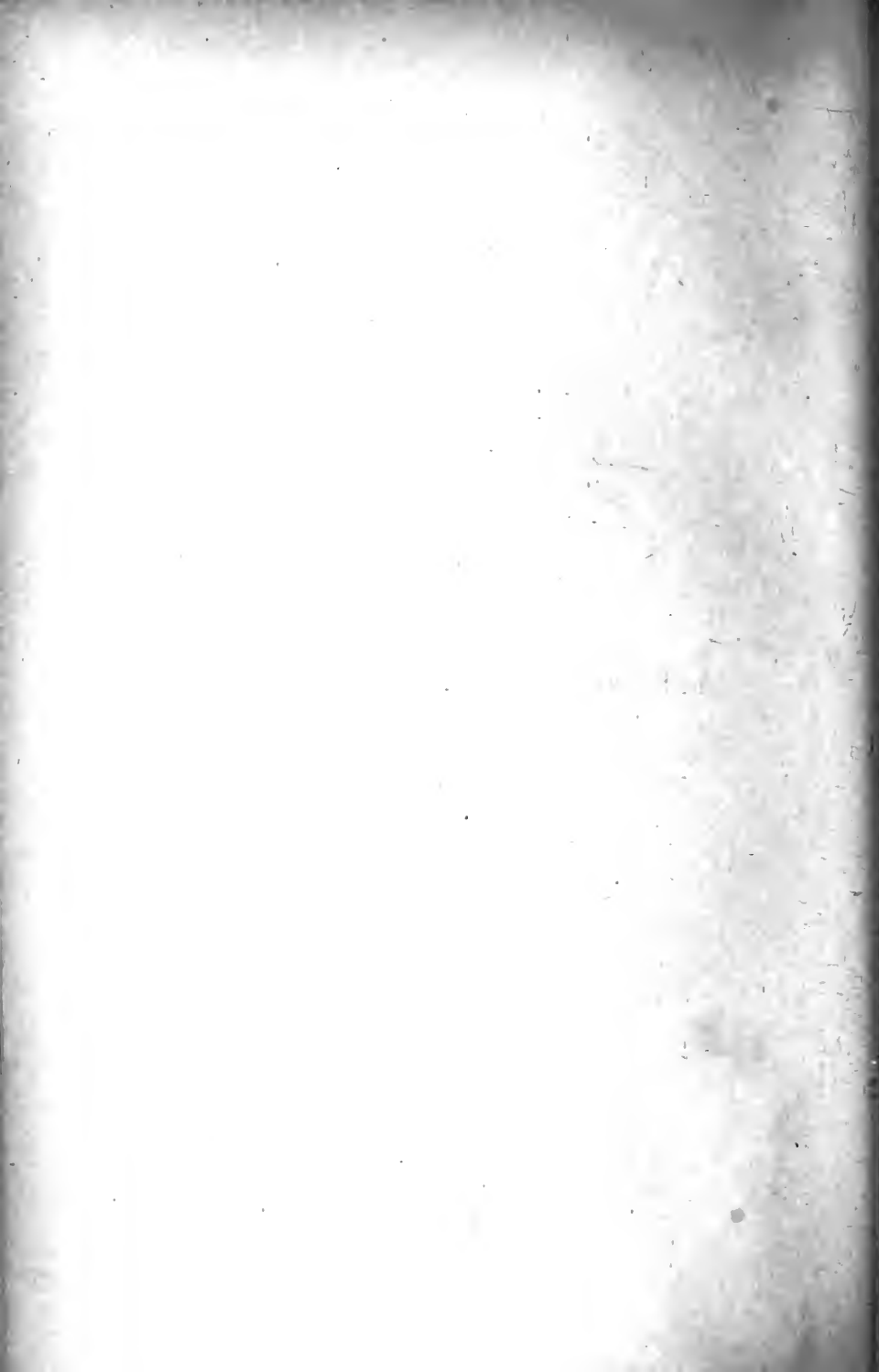
## SECTION XVI.

### DONATIONS AND BEQUESTS.

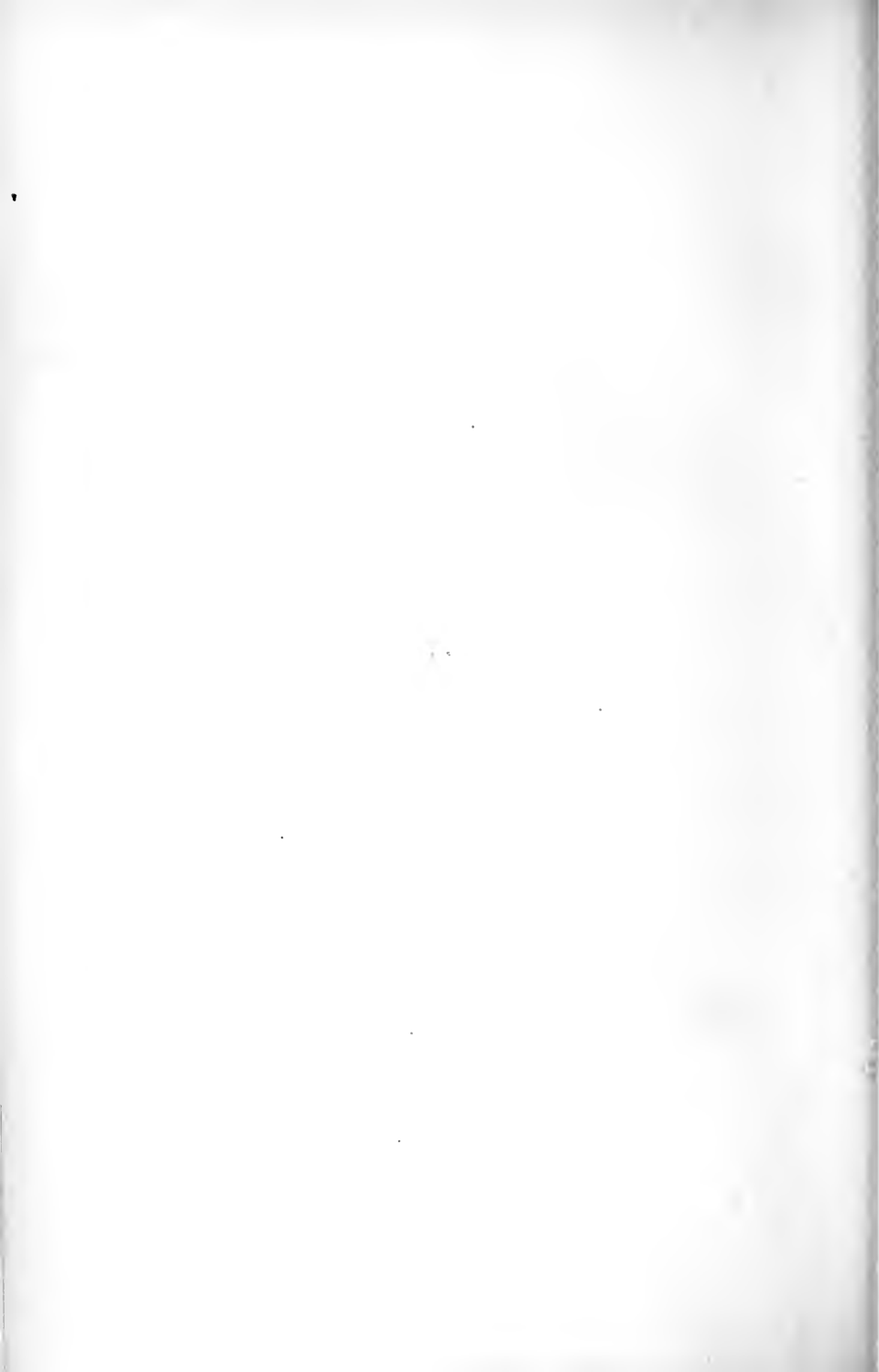
1. The names of all persons who have presented any additions to the Library, or to the collections of Plans and Models, or who have made any voluntary contribution to the funds of the Institution, shall be recorded and published as benefactors to the Institution.

2. Every person desirous of bequeathing to the Institution any Manuscripts, Books, Maps, Plans, Drawings, Instruments, or other personal property, is requested to make use of the following form in his will :

“ I give and bequeath to THE INSTITUTION OF CIVIL  
“ ENGINEERS, incorporated by Royal Charter, dated June  
“ the 3rd, 1828, [*here enumerate and particularize the*  
“ *effects or property to be bequeathed:*] And I hereby  
“ declare that the receipt of the Treasurer of the said  
“ Institution for the time being shall be an effectual dis-  
“ charge to my executors for the said legacy or bequest.”



APPENDIX TO THE BY-LAWS.



APPENDIX,  
CONTAINING FORMS REFERRED TO  
IN  
THE BY-LAWS.

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FORM A.

A \_\_\_\_\_ B \_\_\_\_\_ of \_\_\_\_\_  
\_\_\_\_\_ being upwards of twenty-five years of  
age, born on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, and being desirous  
of belonging to THE INSTITUTION OF CIVIL ENGINEERS, I recommend him,  
from PERSONAL KNOWLEDGE, as in every respect worthy of that distinction,  
*because*

[ *Here specify distinctly the Qualifications of the Candidate according to  
the spirit of Articles 2, 4, 5 and 6, Sect. II. of the By-Laws* ]

On the above grounds, I beg leave to propose him to the Council as a  
proper person to belong to the Institution.

Signed, (A. B.) *Corporate Member.*

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_.

We, the undersigned, concur in the above recommendation from per-  
sonal knowledge, and being fully convinced that A. B. is in every respect a  
proper person to belong to the Institution.

Signed, \_\_\_\_\_

The Council, having considered the above recommendation, present  
A. B. to be balloted for as \_\_\_\_\_ of THE INSTITUTION OF CIVIL  
ENGINEERS.

Signed, \_\_\_\_\_

*Chairman.*

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_.

## FORM A 2.

(STUDENT.)

A \_\_\_\_\_ B \_\_\_\_\_ of \_\_\_\_\_  
 \_\_\_\_\_ born on the \_\_\_\_\_ day  
 of \_\_\_\_\_ 18 \_\_\_\_, being desirous of admission as a Student of  
 THE INSTITUTION OF CIVIL ENGINEERS, I recommend him, from PERSONAL  
 KNOWLEDGE, as worthy of that privilege, and as coming within the Rules  
 appertaining to that class, viz.: that he is upwards of eighteen years of  
 age, and is under twenty-five years of age, and is, or has been, *bonâ fide*,  
 in the course of preparation and training under me, with the object of  
 becoming engaged in the design or in the construction of such works as  
 are comprised within the profession of a Civil Engineer as defined by the  
 Charter.

\_\_\_\_\_  
 { Signature of the Proposer, who must be a  
 Corporate Member of the Institution.

\_\_\_\_\_  
 Signature of the Candidate.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18 \_\_.

The Council, having considered the above recommendation, admit  
 \_\_\_\_\_ as a Student of  
 THE INSTITUTION OF CIVIL ENGINEERS.

Signed, \_\_\_\_\_

*Chairman.*

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 18 \_\_.

## FORM B.

WE, whose names are hereunto subscribed, submit to the Council  
 of THE INSTITUTION OF CIVIL ENGINEERS the propriety of transferring  
 A \_\_\_\_\_ B \_\_\_\_\_ of \_\_\_\_\_ born on the \_\_\_\_\_  
 day of \_\_\_\_\_ 18 \_\_, from the class of Associates entitled to the privileges  
 of Corporate Membership, in which he was elected on the \_\_\_\_\_ day of  
 \_\_\_\_\_ 18 \_\_, to the class of MEMBER, because \_\_\_\_\_

[Here specify distinctly the Qualifications of the Candidate according to the  
 spirit of Articles 2 and 4, Sect. II. of the By-Laws.]

Witness our hands this \_\_\_\_\_ day of \_\_\_\_\_ 18 \_\_.

Signed, \_\_\_\_\_

The Council of THE INSTITUTION OF CIVIL ENGINEERS, meeting on  
 the \_\_\_\_\_ day of \_\_\_\_\_ 18 \_\_  
 transfer A. B. from the class of Associates entitled to the privileges of  
 Corporate Membership to the class of Member.

Signed, \_\_\_\_\_

*Chairman.*



## FORM C.

*The Institution of Civil Engineers,*

SIR, \_\_\_\_\_, 18\_\_\_\_.

I beg to inform you that, having been proposed by Mr. \_\_\_\_\_, and seconded by Messrs. \_\_\_\_\_ your name was laid before the Council and passed as \_\_\_\_\_ of the Institution, and was approved by the Ordinary Meeting of the Institution on Tuesday \_\_\_\_\_. Previously, however, to your proposal being submitted to Ballot at the Meeting on Tuesday \_\_\_\_\_ you are required to sign and return the accompanying engagement.

I beg to transmit to you a copy of the Charter, and of the By-Laws and Regulations of the Institution. The result of the Ballot will be communicated to you, immediately after the Meeting.

I am, Sir, &amp;c.

## FORM D.

I, the undersigned, being proposed for Ballot as \_\_\_\_\_ of THE INSTITUTION OF CIVIL ENGINEERS, do hereby promise, that, in the event of my election, I will be governed by the Royal Charters of the Institution, and by the By-Laws and Regulations of the said Institution, as they are now formed, or as they may hereafter be altered, amended, or enlarged, under the powers of the said Charters; and I promise to promote the objects of the said Institution as far as shall be in my power, and to attend the meetings thereof as often as I conveniently can. Provided that, whenever I shall signify in writing to the Secretary, that I am desirous of withdrawing my name therefrom, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.

I also engage to present to the Institution an Original Communication, drawing, plan, or model of engineering interest, or some scientific work for the library, within the space of twelve months from the date of my election.

Witness my hand, this \_\_\_\_\_ day of \_\_\_\_\_

## FORM E.

SIR,

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_\_\_.

I have the honour to inform you that you were duly made a \_\_\_\_\_ of THE INSTITUTION OF CIVIL ENGINEERS, on the \_\_\_\_\_ day of \_\_\_\_\_.

According to the Regulations of the Institution, you are required as \_\_\_\_\_ to pay \_\_\_\_\_ being your admission fee, and subscription for the current year, and to return the accompanying obligation with your signature, within two months of the date of your election [*or transfer*]; otherwise your election [*or transfer*] will be void. These conditions being complied with, you will be considered as a \_\_\_\_\_ of the Institution, when the diploma of your election [*or transfer*], and any publications or notices to which you are entitled, will be forwarded according to your directions.

I beg to direct your attention to Section V. of the By-Laws, and to point out that all annual subscriptions become due on the 1st of January in each year for the year then commencing.

I am, Sir, &amp;c.

## FORM E 1.

SIR,

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_\_\_.

I have the honour to inform you, that the Council of THE INSTITUTION OF CIVIL ENGINEERS, meeting on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, admitted you as a Student of the Institution.

According to the Regulations of the Institution, you are required to pay the sum of \_\_\_\_\_, being the amount of your first subscription, within two months from the date of your admission, otherwise the admission will be void. When such payment has been made, you will become entitled to the privileges of your class.

I beg to direct your attention to Section V. of the By-Laws, and to point out that all annual subscriptions become due on the 1st of January in each year for the year then commencing.

I am, Sir, &amp;c.

## FORM F.

I, the undersigned, having become \_\_\_\_\_ of THE INSTITUTION OF CIVIL ENGINEERS, do hereby promise that I will be governed by the Royal Charter of the Institution, and by the By-Laws and Regulations of the said Institution as they are now formed, or as they may hereafter be altered, amended, or enlarged, under the powers of the said Charter; and I promise to promote the objects of the said Institution as far as shall be in my power, and to attend the meetings thereof as often as I conveniently can. Provided that, whenever I shall signify in writing to the Secretary that I am desirous of withdrawing my name therefrom, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.

I also engage to present to the Institution an Original Communication, drawing, plan, or model of engineering interest, or some scientific work for the library, within the space of twelve months from the date of my election [*or transfer*].

Witness my hand, this \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_.

## FORM G.

SIR,

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_\_\_.

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to inform you, that upon mature consideration of a proposal which has been laid before them relative to you, they will call a Special General Meeting thereon, as is provided for by Article 11, Section III., of the By-Laws and Regulations of this Institution. But previous to taking such a step, it becomes the duty of the Council to advise you to withdraw from the Institution which can be done on your complying with Article 9, Section V.

I am, Sir, &c.

## FORM H.

SIR,

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_\_\_.

It is my duty to inform you, that by a resolution of a Special General Meeting of Corporate Members of THE INSTITUTION OF CIVIL ENGINEERS, which was held here on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, according to the provisions of Article 11, Section III., of the By-Laws and Regulations, you were declared to be no longer belonging to the Institution.

I am, Sir, &amp;c.

\_\_\_\_\_

## FORM I.

SIR,

*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_\_\_.

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to draw your attention to Articles 8 and 10, Section V. of the By-Laws, and to remind you, that the sum of £\_\_\_\_\_ of your annual subscriptions to the funds of the Institution remains unpaid, and that you are in consequence in arrear of subscription. I am also directed to request that you will cause the same to be paid without further delay, otherwise the Council will be under the necessity of exercising their discretion, as to using the power vested in them by Article 10, Section V., of the By-Laws and Regulations.

I am, Sir, &amp;c.

\_\_\_\_\_

## FORM K.

SIR,

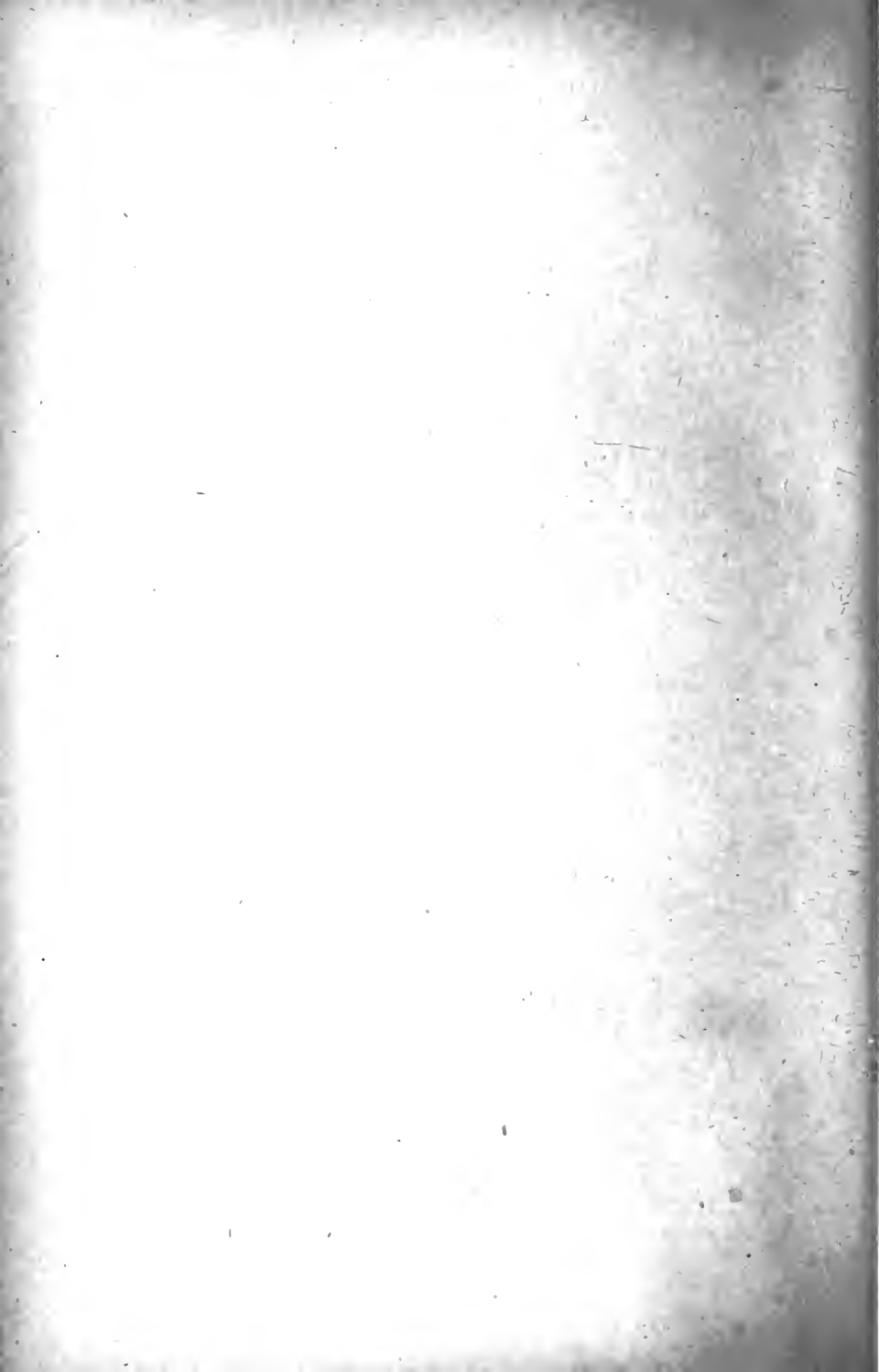
*The Institution of Civil Engineers.*

\_\_\_\_\_, 18\_\_\_\_\_.

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to inform you, that in consequence of the non-payment of your arrears of subscription, and in pursuance of Article 10, Section V., of the By-Laws and Regulations, the Council have declared by special vote, on the \_\_\_\_\_ day of \_\_\_\_\_ 18\_\_\_\_, that you have forfeited your claim in future to belong to the Institution, and your name will be in consequence expunged from the Register or lists, unless payment is made previous to \_\_\_\_\_

But notwithstanding such forfeiture as regards the future, I am directed to call upon you for payment of your arrears amounting to £\_\_ : \_\_ : \_\_.

I am, Sir, &amp;c.



LIST OF MEMBERS.

10 JUNE, 1896.

## NOTICE.

It is particularly requested that every change of residence, as well as of Telegraphic Address and Telephone Number, may be communicated without delay to

*The Secretary,*

*The Institution of Civil Engineers,*

*Great George Street, Westminster, S.W.*

In the following List the *words* in brackets denote Telegraphic Address; the *figures*, Telephone Number, the latter of course referring to the respective local Exchanges.

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(✱) prefixed to a name indicates the contributor of a Paper published in the				Minutes of Proceedings.
(T)	"	"	"	recipient of a Telford Medal.
(t)	"	"	"	" Telford Premium.
(W)	"	"	"	" Watt Medal.
(S)	"	"	"	" George Stephenson Medal or Prize.
(M)	"	"	"	" Miller Scholarship.
(m)	"	"	"	" Miller Prize.
(n)	"	"	"	" Manby Premium.
(H)	"	"	"	" Howard Quinquennial Prize.
(C)	"	"	"	" Crampton Prize.
(L)	"	"	"	deliverer of one of the Special Series of Lectures.
(F)	"	"	"	deliverer of a James Forrest Lecture.
(*)	"	"	"	a former Student.



# The Institution of Civil Engineers.

## Council :

### PRESIDENT.

JOHN WOLFE BARRY, C.B., F.R.S.

### VICE-PRESIDENTS.

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JAMES MANSENGIL  
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CHARLES HAWKSLEY.  
JOHN HOPKINSON, JUN., M.A., D.Sc.,  
Wh.Sc., F.R.S.  
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GEORGE FOSBERY LYSTER.  
*Sir* GUILFORD L. MOLESWORTH, K.C.I.E.  
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*Sir* WILLIAM HENRY WHITE, K.C.B.,  
LL.D., F.R.S.  
*Sir* EDWARD LEADER WILLIAMS.

\* \* This Council will continue until April, 1897.

### PAST-PRESIDENTS.

1820-34. *Thomas Telford*, F.R.SS.  
L. & E  
1835-44. *James Walker*, F.R.S.  
1845-47. *Sir John Rennie*, F.R.S.  
1848-49. *Joshua Fidd*, F.R.S.  
1850-51. *Sir William Cubitt*, F.R.S.  
1852-53. *James Meadows Rendel*, F.R.S.  
1854-55. *James Simpson*.  
1856-57. *Robert Stephenson*, F.R.S.,  
M.P.  
1858-59. *Joseph Locke*, F.R.S., M.P.  
1860-61. *George Parker Bidder*.  
1862-63. *Sir John Hawkshaw*, F.R.S.  
1864-65. *John Robinson McClean*, M.P.  
1866-67. *Sir John Fowler*, Bart.,  
K.C.M.G., LL.D.  
1868-69. *Sir CHARLES HUTTON GRE-*  
*GORY*, K.C.M.G.  
1870-71. *Charles Blacker Vignoles*,  
F.R.S.  
1872-73. *Thomas Hawksley*, F.R.S.  
1874-75. *Thomas Elliot Harrison*.

1876-77. *GEORGE ROBERT STEPHENSON*.  
1878-79. *John Frederic La Trobe Bat-*  
*man*, F.R.SS. L. & E.  
1880. *WILLIAM HENRY BARLOW*,  
F.R.S.  
1881. *James Abernethy*, F.R.S.E.  
1882. *Lord ARMSTRONG*, C.B.,  
LL.D., D.C.L., F.R.S.  
1883. *Sir James Brunlees*, F.R.S.E.  
1884. *Sir Joseph William Bazalgette*,  
C.B.  
1885-86. *Sir FREDERICK J. BRAMWELL*,  
Bart., D.C.L., F.R.S.  
1886-87. *EDWARD WOODS*.  
1887-89. *Sir GEORGE BARCLAY BRUCE*.  
1889-91. *Sir John Coode*, K.C.M.G.  
1891-92. *Sir George Berkley*, K.C.M.G.  
1892-93. *HARRISON HAYTER*.  
1893-94. *Alfred Giles*.  
1894-95. *Sir ROBERT RAWLINSON*, K.C.B.  
1895-96. *Sir BENJAMIN BAKER*.  
K.C.M.G., LL.D., F.R.S.

(The names of those deceased are printed in italics.)

## Officers :

### AUDITORS.

ARTHUR CAMERON HURTZIG.

JOHN GEORGE GRIFFITHS.

### TREASURER.

HUGH LINDSAY ANTROBUS.

### HONORARY SECRETARY.

JAMES FORREST.

### SECRETARY.

JOHN HENRY TUDSBERY TUDSBERY, D.Sc.

## ASSOCIATIONS OF STUDENTS.

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T. DE COURCY MEADE, MM.Inst.C.E.

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GARNETT, C. G. SATTERTHWAITE, F. J. WEST.

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HEENAN, M. LONGRIDGE, L. B. WELLS, W. HUNT, A. ROSS, MM.Inst.C.E.

HON. SECRETARIES.—A. WATSON, 3 Percival Place, Miles Platting, Man-  
chester; and F. L. PARKINSON.

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Assoc.MM.Inst.C.E.

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G. GRAHAM, D. DRUMMOND, MM.Inst.C.E.

HON. SECRETARY.—R. A. ERSKINE MURRAY, 160 Hope Street, Glasgow.

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C.E., E. B. MARTEN, M.Inst.C.E., R. GREEN, Assoc.M.Inst.C.E.

MEMBERS OF COUNCIL.—H. P. RAIKES, P. J. TUCKER, C. E. WOLFF.

PAST-PRESIDENTS.—E. PRITCHARD, M.Inst.C.E., J. E. WILLCOX, Assoc.M.  
Inst.C.E., J. W. GRAY, C. HUNT, MM.Inst.C.E., R. GODFREY, Assoc.M.  
Inst.C.E.

HON. SECRETARY.—H. C. ADAMS, Henley-in-Arden, Birmingham.

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VICE-PRESIDENTS.—J. D. WARDALE, M.Inst.C.E., J. R. BATERDEN,  
Assoc.M.Inst.C.E., W. J. CUDWORTH, M.Inst.C.E., T. D. RIDLEY,  
Assoc.Inst.C.E., E. W. DE RUSSETT, M.Inst.C.E.

MEMBERS OF COUNCIL.—R. E. BEAVIS, ALFRED COLE, R. F. DRURY, G.  
H. HEELAS, A. G. MACKINLAY.

PAST-PRESIDENTS.—P. J. MESSENT, H. H. WAKE, J. W. SANDEMAN, C. A.  
HARRISON, Hon. C. A. PARSONS, MM.Inst.C.E.

HON. SECRETARY.—C. C. MARKHAM, 11 Cleveland Terrace, Darlington.

## YORKSHIRE.

PRESIDENT.—ARTHUR GREENWOOD, M.Inst.C.E.

VICE-PRESIDENTS.—T. HEWSON, A. T. WALKER, W. H. BARTHOLOMEW,  
A. E. SEATON, MM.Inst.C.E.

MEMBERS OF COUNCIL.—J. C. CORNOCK, JOHN DUNCAN, E. B. MARTIN,  
C. J. RAFAREL, R. H. SLADE, F. L. WATSON.

PAST-PRESIDENTS.—SIR JAMES KITSON, Bart., M.P., W. E. GARFORTH,  
MM.Inst.C.E.

HON. SECRETARY.—R. P. MORRISON, 15 Hyde Park Terrace, Leeds.

\* \* The Members of Council and Honorary Secretaries in all the above  
cases are Students of the Institution.

## ENUMERATION.

3 June, 1895. 10 June, 1896.

HONORARY MEMBERS . . . . .	19	20
MEMBERS . . . . .	1,873	1,898
ASSOCIATE MEMBERS . . . . .	3,726	3,830
ASSOCIATES . . . . .	351	339
STUDENTS . . . . .	816	872
TOTAL. . . . .	6,785	6,959

## HONORARY MEMBERS.

[Hon. M. Inst. C.E.]

Date of Election.		HONORARY MEMBERS.	
T & L †	{ 1876 Jan. 11	{ ABEL, <i>Sir</i> FREDERICK AUGUSTUS, <i>Bart.</i> , K.C.B., D.C.L., F.R.S.	{ Imperial Institute, So. Kensington, S.W. [Imperial Institute, London. 8743.]
	{ 1881 Dec. 6.	{	{
	1877 Mar. 13.	{ BELGIANS, H.M. LEOPOLD II., KING OF THE .. .. .	{ Brussels.
T H †	{ 1866 May 1.	{ BESSEMER, <i>Sir</i> HENRY, F.R.S.	{ Denmark Hill, S.E.
	{ 1889 May 21.	{	{
	1885 May 12.	{ CAMBRIDGE, <i>Field-Marshal</i> H.R.H. the Duke of, K.G. . . . .	{ Gloucester House, Park Lane, W.
	1895 May 21.	{ CHANUTE, OCTAVE .. .. .	{ 413 East Huron St., Chicago, U.S.
	1872 May 7.	{ CONNAUGHT, H.R.H. the Duke of, K.G. .. .. .	{ Buckingham Palace, S.W.
	1894 Jan. 9.	{ DEVONSHIRE, the Duke of, K.G., LL.D. .. .. .	{ Devonshire House, Piccadilly, W.
	1894 Jan. 9.	{ FRANKLAND, EDWARD, M.D., D.C.L., LL.D., F.R.S. .. .	{ The Yews, Reigate Hill, Surrey.
†	{ 1850 Mar. 5.	{ GALTON, <i>Sir</i> DOUGLAS, K.C.B., D.C.L., LL.D., F.R.S. .. .	{ 12 Chester Street, Grosvenor Place, S.W.
	{ 1894 Jan. 9.	{	{
	1895 Nov. 12.	{ GERMAN EMPEROR, H.I.M. WILHELM II., the .. .. .	{ Berlin.
	1884 Mar. 4.	{ GROVE, the <i>Rt. Hon.</i> <i>Sir</i> WILLIAM ROBERT, M.A., D.C.L., LL.D., F.R.S. .. .	{ 115 Harley Street, W.
L †	{ 1874 May 12.	{ KELVIN, <i>Lord</i> , LL.D., F.R.S.S. L. & E. .. .. .	{ The University, Glasgow.
	{ 1889 May 21.	{	{
	1891 Jan. 13.	{ RAYLEIGH, <i>Lord</i> , M.A., D.Sc., F.R.S. .. .. .	{ 4 Carlton Gardens, S.W.
	1894 Jan. 9.	{ SALISBURY, the <i>Marquess</i> of, K.G., D.C.L., LL.D. .. .	{ 20 Arlington Street, S.W.
	1866 May 15.	{ SAXE-COBURG-GOTHA, H.R.H. the Duke of, K.G. .. .. .	{ Gotha, Germany.
	1866 Jan. 9.	{ SCHNEIDER, HENRI .. .. .	{ Le Creusot, France.
	1895 May 21.	{	{
	1847 June 1.	{ SIMMONS, <i>Field-Marshal</i> <i>Sir</i> JOHN LINTON ARABIN, R.E., G.C.B., G.C.M.G. .. .. .	{ 36 Cornwall Gardens, S.W.
	1892 Mar. 1.	{	{
	1892 Mar. 1.	{ STOKES, <i>Sir</i> GEORGE GABRIEL, <i>Bart.</i> , F.R.S., D.C.L., LL.D.	{ Lensfield Cottage, Cambridge.
	1865 Mar. 28.	{ WALES, H.R.H. ALBERT EDWARD, <i>Prince</i> of, K.G. .. .	{ Marlborough House, Pall Mall, S.W.
	1893 May 30.	{ YORK, H.R.H. the Duke of, K.G.	{ York House, St. James's, S.W.

Total number of Honorary Members .. 20.

## MEMBERS.

[M. Inst. C.E.]

Date of Election and of Transfer.	MEMBERS.	
1889 Jan. 8.	ABBATT, RICHARD HENRY ..	{The Vale, St. Leonards Road, Eastbourne.
1881 Jan. 11.}	*ABERNETHY, GEORGE NEILL ..	4 Delahay Street, Westminster, S.W.
1885 May 19.}		
1869 Dec. 7.}	*ABERNETHY, JAMES .. ..	4 Delahay Street, Westminster, S.W.
1879 Mar. 25.}		
1871 Dec. 5.}	*ADAMS, HENRY .. ..	{60 Queen Victoria Street, E.C. (Viburnum, London.)
1883 May 1.}		{Hillrise, Amersham Road, Putney, S.W.
1869 Apr. 6.	ADAMS, WILLIAM .. ..	Western Ry., Buenos Ayres.
1883 Mar. 6.	ADAMS, WILLIAM .. ..	Mussoorie, N.W.P., India.
1891 Dec. 1.	ADDIS, HENRY BAWN .. ..	
1847 Mar. 2.}	ADDISON, JOHN .. ..	The Castle Hill, Maryport.
1859 Feb. 1.}		
m ✠ {1872 Dec. 3.}	*ADDY, JOHN .. ..	{South Lawn Lodge, Whichwood, Burford, Oxon.
1881 Apr. 12.}		
t m ✠ {1867 May 21.}	AIRY, WILFRID, B.A. .. ..	33 Old Queen St., Westminster, S.W.
1874 Apr. 21.}		
1875 Mar. 2.}	ALBRECHT, CHARLES JOHN ..	
1879 Dec. 16.}		
1890 Mar. 4.	ALEXANDER, ANDREW MILLER	City Surveyor's Office, Belfast.
1888 May 15.}	ALEXANDER, ARTHUR LYON ..	12 Delahay St., Westminster, S.W.
1889 Apr. 2.}	ALEXANDER, STANLEY DE VERE	
1880 Dec. 7.}	{HASTINGS .. ..	Railway Dept., Sydney, N.S.W.
1879 Feb. 4.}	ALFORD, ROBERT GERVAISE,	
1884 May 27.}	F.R.S.E. .. ..	Prison Department, Edinburgh.
1870 Feb. 1.	ALLAN, GEORGE .. ..	{13 Austin Friars, E.C. (Clematis, London.)
✠ {1883 Mar. 6.}	ALLEN, WILLIAM HENRY ..	{Queen's Engineering Works, Bed- ford.
✠ {1891 Apr. 7.}		
✠ 1872 Apr. 9.	{ALLEYNE, Sir JOHN GAY	Chevin, Belper.
	{NEWTON, Bart. .. ..	
1890 May 20.	ALLIOTT, JAMES BINGHAM ..	{Bloomsgrove Works, Nottingham (Manloves, Nottingham.)
1894 Dec. 4.	ALLMAN, EDWARD MCCARTHY	D. P. W., Sydney, N.S.W.
1876 Apr. 4.}	ALLOTT, CHARLES SNEATH ..	{46 Brown Street, Manchester. (Al- lotted, Manchester. 1952.)
1880 Dec. 21.}		
1872 Feb. 6.	ALLPORT, HOWARD ASTON ..	Dodworth Grove, Barnsley.
✠ {1892 Jan. 12.}	ANDERSON, ARCHIBALD MILES	{Director of Public Works, Accra, Gold Coast. [France.
✠ {1894 Nov. 6.}		
1865 Jan. 10.	ANDERSON, BERESFORD .. ..	Villa Nadia, Paramé, Ile et Vilaine,
1880 Feb. 3.	ANDERSON, GEORGE .. ..	{Imperial Institute, Kensington, S.W.
1883 Dec. 4.	ANDERSON, JAMES ARTHUR ..	{Eastern Bengal State Ry., Sealdah, Calcutta.
1888 May 1.}	*ANDERSON, JAMES HENRY ..	{Caledonian Ry., Buchanan Street Station, Glasgow.
1896 Mar. 24.}		
1885 Mar. 3.}	*ANDERSON, ROBERT .. ..	Uganda Ry., Mombasa, East Africa.
1891 Nov. 3.}		
T t W ✠ {1869 Jan. 12.}	{ANDERSON, WILLIAM, C.B.,	
L F {1869 Jan. 12.}	{D.C.L., F.R.S. (Vice-Presi- dent) .. ..	Lesney House, Erith. (8417.)
1878 Feb. 5.	ANDERSON, WILLIAM .. ..	Teesdale Ironwks., Stockton-on-Tees.
1891 Jan. 13.}	{ANDRADE, ANTONIO DE CAR- VALHO PAES DE .. ..	Rio de Janeiro.
1858 Jan. 12.	ANDREWS, ARTHUR THOMAS ..	6 Fairlawn Park, Chiswick, W.
1875 May 11.}		
1881 May 31.}	ANDREWS, EDMUND .. ..	L. & S.W.Ry., Waterloo Station, S.E.

Date of Election and of Transfer.		MEMBERS.
T t	1863 Dec. 1.	ANDREWS, JOHN ORME .. .. 14 King's Avenue, Ealing, W.
	1877 May 8.	
	1881 Dec. 6.	ANDREWS, THOMAS, F.R.SS. } Wortley Ironworks, nr. Sheffield.
	1888 Jan. 17.	L. & E. .. .. }
	1866 Dec. 4.	ANDREWS, THORNTON .. .. Cefn Eithen, Swansea.
	1878 Apr. 9.	
	1877 Mar. 6.	ANDREWS, WILLIAM .. .. 7 Park Crescent, Tonbridge.
	1859 Apr. 5.	
	1866 May 15.	ANGELL, LEWIS .. .. Town Hall, Stratford, E.
	1882 Dec. 5.	
t	1893 Dec. 19.	ANGUS, DAVID .. .. Arauco Co., Coronel, Chili.
	1889 Feb. 5.	ANGUS, JAMES .. ..
	1887 Feb. 1.	ANGUS, JONATHAN .. .. { 13 Crookerton Rd., Upper Tooting, S.W.
	1894 Mar. 6.	
	1885 May 19.	{ ANLEY, GEORGE AUGUSTUS } Mendip Lodge, De Parys Avenue, Bedford.
	1879 Apr. 1.	APJOHN, JAMES HENRY, M.A. Engineer, Port Trust, Calcutta.
	1864 Feb. 2.	APPLEBY, CHARLES JAMES .. { 22 Walbrook, E.C. (Millwright, London.)
	1877 May 29.	
	1863 May 5.	APPLETON, EDWARD .. .. 1 Vaughan Parade, Torquay.
	1888 Oct. 30.	
T	1885 May 5.	ARGYLE, JOHN .. .. Midland Ry., Derby.
	1849 Apr. 3.	{ ARMSTRONG, Lord, C.B., LL.D., D.C.L., F.R.S. } Cragside, Rothbury.
	1854 Jan. 31.	(Past-President.)
	1869 Dec. 7.	ARMSTRONG, Professor GEORGE } The University, Edinburgh.
	1892 Apr. 5.	FREDERICK, M.A., F.R.S.E. }
	1877 May 29.	* ARMSTRONG, WALTER YOUNG .. G. W. Ry., Paddington, W.
	1890 Feb. 4.	
	1865 Apr. 4.	ASHMEAD, FREDERICK .. .. 3 Manilla Road, Clifton, Bristol.
	1882 May 2.	ASKWITH, ROBERT .. .. Witton-le-Wear, Darlington.
	1881 Feb. 1.	{ ASPINALL, JOHN AUDLEY } Fern Bank, Heaton, Bolton.
+	1887 Nov. 22.	FREDERICK .. .. }
	1871 Feb. 7.	ATHERSTONE, GUYDON DAMANT { c.o. Resident Eng., Cape Town, C.C.
	1884 Oct. 14.	
	1890 Jan. 14.	ATKINSON, ALEXANDER, L.C.E. P.W.D., Jammu, Kashmir, India.
	1859 Apr. 5.	ATKINSON, WILLIAM .. .. Erwood, Beckenham. [S.W.]
	1891 Feb. 3.	ATTOCK, FREDERICK .. .. 14 York Mansions, Earl's Court.
	1865 Feb. 7.	AYLMER, RICHARD .. .. { 47 Victoria St., S.W. (Leclanche, London.)
	1879 Jan. 14.	
	1878 Feb. 5.	AYRES, ARTHUR .. .. Ashleigh, Truro Rd., Wood Green, N.
	1860 Apr. 3.	AYRIS, JOHN .. .. Waterworks Office, Norwich.
m	1874 Dec. 1.	* BAGGALLAY, HENRY CHARLES 17A Onslow Gardens, S.W.
	1889 Mar. 26.	
	1890 Dec. 2.	BAGLEY, FREDERICK ROBERT .. Stato Rys., Rangoon, Burma.
	1886 Jan. 12.	
	1888 Oct. 30.	BAGNALL, HARVEY, M.A., B.E. Gwelo, Rhodesia, South Africa.
	1874 Feb. 3.	BAILEY, JOHN CHARLES .. .. 211 Carlton St., Toronto, Canada.
	1896 Feb. 4.	BAILEY, THOMAS HENRY .. .. Pentrebach House, Merthyr Tydfil.
	1888 Feb. 7.	BAILLIE, JONATHAN ROBERT .. London Yard, Poplar, E. (5108.)
	1891 Mar. 3.	BAINBRIDGE, CHARLES EDWARD 32 Goldhurst Ter., Hampstead, N.W.
	1871 Dec. 5.	* BAINBRIDGE, EMERSON, M.P. .. Nunnery Colliery Offices, Sheffield.
T S t	1883 May 29.	
	1876 May 30.	BAIRD, GEORGE .. .. Fulmer, Slough.
	1867 Dec. 3.	{ BAKER, Sir BENJAMIN, K.C.M.G., LL.D., F.R.S. } 2 Queen Square Place, S.W. (Oligist, London. 3033.)
	1877 May 29.	(Past-President.) .. .. }
	1895 May 21.	BAKER, HARRY VICTOR SAMPSON 31 Duddington Pk., Portobello, N.B.
	1888 May 15.	BAKEWELL, WILLIAM NEWTON 31 Herbert Rd., Stockwell, S.W.
	1877 Feb. 6.	* BALDREY, HENRY OSBORNE .. 21 Queen Anne's Gate, S.W.
	1886 Feb. 9.	

Date of Election and of Transfer.		MEMBERS.	
1865 Dec. 5.	5.	BALDREY, JAMES DANFORD ..	2 Queen Square Place, S.W. (3033.)
1875 May 4.	4.	BALFOUR, DAVID .. .. .	{ 3 St. Nicholas Bldgs., Newcastle-on-Tyne. (Balfour, Myre Hall, Houghton-le-Spring.)
1889 Apr. 9.	9.		
1874 Mar. 3.	3.		
1877 Nov. 27.	27.	BALLARD, ROBERT .. .. .	{ c.o. Alex. Mathieson & Co., Coolgardie, W. Australia.
1875 May 4.	4.	BANCROFT, HENRY .. .. .	88 Mosley Street, Manchester.
1878 Dec. 3.	3.		
1861 Feb. 5.	5.		
1866 Mar. 13.	13.	BANISTER, FREDERICK DALE ..	Stonehouse, Forest Row, Sussex.
1893 May 2.	2.	BARNER, JAMES PATTEN ..	Vestry Hall, Islington, N.
1894 Oct. 16.	16.		
1895 Dec. 3.	3.	BARDSLEY, GEORGE ROBERT ..	23 John Dalton St., Manchester.
1885 Dec. 1.	1.	BARFIELD, SAMUEL GEORGE HERBERT, D.Sc. .. .. .	Ferro Carril del Sud, Buenos Ayres.
1894 Nov. 6.	6.		
1873 Mar. 4.	4.	BARKER, JOHN .. .. .	20 Oppidans Rd., Primrose Hill, N.W.
1877 Nov. 27.	27.		
1881 Feb. 1.	1.		
1889 Mar. 19.	19.	BARKER, JOHN .. .. .	{ Ellenbank, Leigham Court Road, Streatham Hill, S.W.
1889 May 7.	7.	BARKER, ROBERT .. .. .	L. C. & D. Ry., Victoria, S.W.
† { 1872 Dec. 3.	3.	*BARLOW, CRAWFORD, B.A. ..	{ 53 Victoria Street, S.W. (Ingegnere, London.)
1879 Dec. 23.	23.		
1880 May 4.	4.		
1893 Dec. 12.	12.	BARLOW, EDWIN SYDNEY ..	Gouthwaite Hall, Pateley Bridge, via Leeds.
T † { 1845 Apr. 1.	1.	{ BARLOW, WILLIAM HENRY, F.R.S. ( <i>Past-President</i> .)	{ 53 Victoria Street, S.W. (Ingegnere, London.)
1881 Mar. 3.	3.		
W S t † { 1888 Mar. 6.	6.	*BARNABY, SYDNEY WALKER ..	The Hollies, Chiswick Mall, W.
1886 Apr. 6.	6.	BARNES, JOHN FREDERICK EVELYN .. .. .	Engineer, P.W.D., Natal.
1889 Nov. 5.	5.		
1865 Feb. 7.	7.	BARNES, JOHN HICKMAN .. ..	30 Great George Street, S.W.
1877 May 29.	29.		
1879 Dec. 2.	2.	BARNETT, PATRICK MOIR ..	Berryden House, Aberdeen.
1890 Apr. 1.	1.	BARR, Prof. ARCHIBALD, D.Sc.	University, Glasgow.
t † { 1882 Feb. 7.	7.	BARR, GEORGE MORRISON ..	Dunedin, Otago, N.Z.
1874 Apr. 14.	14.	BARR, JAMES .. .. .	221 West George Street, Glasgow.
1881 May 3.	3.		
1882 Feb. 7.	7.	BARR, THOMAS MORRISON ..	Caledonian Ry., Perth.
1877 Apr. 10.	10.	BARRASS, SAMUEL .. .. .	Ellesmere, Hayne Rd., Beckenham.
1879 Dec. 2.	2.	{ BARRETO, ANTONIO PAULO DE MELLO .. .. .	{ Donna Luiza 17, Rio de Janeiro.
1883 Jan. 9.	9.	*BARRINGTON, WILLIAM .. ..	10 George Street, Limerick.
1891 Feb. 3.	3.		
t † { 1868 Apr. 7.	7.	BARRON, FREDERICK CADOGAN	9 St. Mildred's Court, Poultry, E.C.
1878 Feb. 19.	19.		
t † { 1878 Feb. 5.	5.	BARRON, JAMES .. .. .	156 Union Street, Aberdeen.
1883 May 29.	29.		
1887 May 24.	24.	BARRY, ARTHUR JOHN .. ..	{ 21 Delahay Street, Westminster, S.W. (Consilium, London. 3024.)
1893 May 16.	16.		
T t † { 1868 Feb. 4.	4.	{ BARRY, JOHN WOLFE, C.B., F.R.S. ( <i>President</i> .) .. ..	{ 21 Delahay Street, Westminster, S.W. (Consilium, London. 3024.)
1858 Feb. 2.	2.		
1882 May 23.	23.	BARTHOLOMEW, WILLIAM HAMOND	Aire and Calder Office, Leeds.
1893 Nov. 14.	14.	BARTLETT, JAMES HERBERT ..	Middlesborough, Kentucky, U.S.
1884 Jan. 8.	8.	BARTLETT, THOMAS WALTER	{ H. S. King & Co., 45 Pall Mall, S.W.
1894 Apr. 3.	3.		
1881 Feb. 1.	1.	BARTON, EDWARD GOLDING ..	Bengal-Nagpur Ry., Perulia, Bengal.
1884 Mar. 4.	4.		
T † { 1853 Mar. 1.	1.	BARTON, JAMES .. .. .	Dundalk. (Barton, Dundalk.)
1881 Feb. 1.	1.	*BARTON, JOHN GEORGE .. ..	Valuation Office, Dublin.
1868 Apr. 7.	7.	BARTON, WALTHER CLARENCE	46 Park Crescent, Brighton.
1883 Feb. 6.	6.	BASSETT, ALEXANDER BARKER	Cheverell, Landaff.
1895 Apr. 2.	2.		

Date of Election  
and of Transfer.

## MEMBERS.

	1888 Dec. 4.)				{ Milwaukee & St. Paul Ry., 1100 Old
	1895 Oct. 22.)	BATES, ONWARD .. ..			Colony Buildings, Chicago, U.S.A.
	1878 Dec. 3.	BAXTER, WILLIAM .. ..			Ashburton, Canterbury, N.Z.
	1885 Mar. 3.)	*BAYER, CHARLES ALBERT			{ Eng.-in-Chief's Office, Adelaide,
	1894 May 8.)				South Australia.
	1875 Feb. 2.	BAYLEY, KENNETT .. ..			Gt. Southern & Wn. Ry., Dublin.
	1888 May 1.	BAYLEY, RICHARD DANSEY ..			Chelsea House, Wells Rd., Bath.
	1895 May 21.	BAYLISS, RAWLINSON TENNANT			54 Old Broad Street, E.C.
	1874 Dec. 1.)				
	1882 Jan. 31.)	BAYNES, DONALD STUART ..			The Grange, Southbourne, Hants.
m m	† { 1874 Jan. 13.				
	1879 Apr. 8.)	*BAZALGETTE, EDWARD .. ..			{ London County Council, Spring
					Garden*, S.W.
t	† { 1885 May 19.)	*BEARE, Prof. THOMAS HUD-			{ University College, Gower Street,
	1893 Feb. 7.)	SON, B.A., B.S.C., F.R.S.E.			W.C.
W t	† { 1875 Mar. 2.				
	1886 Feb. 16.)	BEACMONT, WILLIAM WORBY			100 Palace Road, Tulse Hill, SW.
T t	† { 1860 Dec. 4.	BEAZELEY, ALEXANDER .. ..			12 Carminia Road, Tooting, S.W.
	1889 May 21.)	BECKETT, WILLIAM THOMAS			W. Watson & Co., Bombay.
	1895 Nov. 26.)	CLIFFORD .. ..			
	1884 Apr. 1.	BEESLEY, FREDERICK .. ..			11 Victoria Street, S.W.
	1883 Jan. 9.	BELK, WILLIAM .. ..			Port & Harbour Comm., Hartlepool.
	1881 Dec. 6.)	*BELL, ARTHUR WILBRAHAM			P.W.D., Perth, Western Australia.
	1890 May 20.)	DILLON .. ..			
	1867 Apr. 2.	BELL, CHARLES NAMIER .. ..			G.P.O., Wellington, N.Z.
†	{ 1866 Feb. 6.)				
	1878 Dec. 3.)	BELL, HENRY PURDON .. ..			Victoria, British Columbia.
†	{ 1867 Mar. 5.)				
	1872 Jan. 30.)	BELL, HORACE .. ..			{ 28 Victoria Street, S.W. (Samasata,
					London. 3086.)
t	† { 1867 May 21.)				
	1868 Apr. 21.)	BELL, IMRIE .. ..			204 St. Vincent Street, Glasgow.
H	† { 1867 May 21.)	BELL, Sir ISAAC LOWTHIAN,			Rounton Grange, Northallerton.
	1873 Apr. 8.)	Bart., F.R.S. .. ..			
t	† { 1879 Dec. 2.	BELL, JAMES RICHARD .. ..			Grindlay, Groom & Co., Bombay.
	1888 Dec. 4.	BELL, JOHN MCKENZIE .. ..			Frankston, Victoria.
	1869 May 4.	BELL, VALENTINE GREME ..			Director of Public Works, Jamaica.
	1882 Dec. 5.)				
	1894 Jan. 30.)	BELL, WILLIAM REID .. ..			{ Consolidated Coal Mines, Belfast,
					Transvaal.
	1885 May 5.	BELLAMY, GEORGE DAVID ..			6A Courtenay Street, Plymouth.
	1873 Apr. 1.	BELOE, CHARLES HENRY .. ..			4 Ullet Rd., Princes Pk., Liverpool.
	1871 Dec. 5.	BENEDICT, ERNEST .. ..			28 Victoria Street, S.W.
	1887 Dec. 6.	BENEST, EDWARD EVERETT ..			40 Craster Road, Brixton Hill, S.W.
	1873 Mar. 4.	BENNETT, JOHN .. ..			The Leighs, Dartington, Totnes.
	1883 May 29.	BENNETT, WILLIAM .. ..			{ Surrey Dock Extension, Rother-
					hithe, S.E.
	1893 Jan 10.	BENTON, JOHN, F.C.II. .. ..			H. S. King & Co., 45 Pall Mall, S.W.
	1884 Dec. 2.	BERESFORD, JOHN STUART, M.E.			{ Grindlay's, 55 Parliament Street,
					S.W.
	1880 Mar. 2.)				
	1891 Mar. 17.)	BERKLEY, GEORGE .. ..			{ 39 Victoria Street, S.W. (Breastrope,
					London.)
	1892 May 24.	BERKLEY, JAMES EUSTACE ..			Nizam's Rys., Secunderabad, Deccan.
	1877 Apr. 10.)				
	1884 Apr. 1.)	BERNAYS, JOSEPH .. ..			{ 96 Newgate Street, E.C. (Anybers,
					London.)
	1873 Feb. 4.)	*BERRELL, WILLIAM .. ..			Thames Conservancy, Victoria Em-
	1887 Feb. 22.)				bankment, E.C.
	1885 May 19.	{ BERRIER-FONTAINE, JEAN-BAP-			Directeur des Constructions Navales,
		TISTE LOUIS FÉLIX MARC ..			Toulon, France.
	1879 Feb. 4.)				
	1892 Nov. 22.)	BERTODANO, CHARLES EDMUND DE			{ 47 Victoria Street, S.W. (Euripides,
					London.)
	1882 May 2.)	*BEST, CHARLES WILLIAM			{ 47 Victoria Street, S.W. (Nomizo,
	1894 May 22.)				London. 3095.) [London. 2044.)
	1865 Mar. 7.	BEWICK, THOMAS JOHN .. ..			Broad St. House, E.C. (Bewick,
	1882 Feb. 7.	BEZZI, Cher. TOMASO GAUDENZIO			Ypiranga Wks., São Paulo, Brazil.

Date of Election and of Transfer.		MEMBERS.	
	1849 Mar. 6.}	BIDDELL, GEORGE ARTHUR ..	Bishop's Hill, Ipswich.
	1877 Apr. 17.}		
	1878 Mar. 5.	BIDDER, BARTHOLOMEW PARKER	Everett & Co., 51 Fetter Lane, E.C.
T S	† 1865 Feb. 7.}	BINNIE, ALEXANDER RICHARD-	77 Ladbroke Grove, W.
	1873 May 20.}	SON ( <i>Member of Council.</i> )	
E	† 1870 Dec. 6.}	* BIRCH, ROBERT WILLIAM PERE-	5 Queen Anne's Gate, S.W. [Surrey.
	1880 May 25.}	GRINE .. .. .	
	1885 May 19.	BIRKBECK, MORRIS .. ..	Dippenhall Cottage, Farnham,
	1882 Apr. 4.}	BIRKINSHAW, ARTHUR HENRY	{ H. S. King & Co., 45 Pall Mall, S.W.
	1893 Nov. 7.}		
	1870 Dec. 6.}	BISSET, JAMES .. .. .	Claremont, Cape Town, C.C.
	1877 Oct. 30.}		
	1888 Jan. 10.}	BLACKBURN, ALEXANDER BE-	Electric Construction Co., Wolver-
	1892 Mar. 8.}	WICKE .. .. .	
	1845 June 24.}	BLAKE, HENRY WOLLASTON,	8 Devonshire Place, Portland Pl., W.
	1879 Jan. 14.}	M.A., F.R.S. .. .. .	
	1873 Mar. 4.}	BLAKESLEY, THOMAS HOLMES,	3 Eliot Hill, Lewisham, S.E.
	1885 Jan. 27.}	M.A. .. .. .	
	1856 Mar. 4.	BLAKISTON, MATTHEW .. ..	Free Hills, Bursledon, Southampton.
	1895 Dec. 3.	BLIGH, WILLIAM GEORGE ..	P.W.D., Minbu, Burma.
†	1887 Apr. 5.}	* BLONFIELD, HAROLD ARTHUR	{ Waterworks, Juneé, New South Wales.
†	1894 Feb. 27.}		
†	1878 Mar. 5.	BLOOD, BAGOT WILLIAM .. ..	6 Claremont Villas, Glenageary, co.
	1863 May 5.	BLOUNT, JOHN DARELL .. ..	Mapledurham, Reading. [Dublin.
†	1877 Feb. 6.}	* BLYTH, BENJAMIN HALL, M.A.	17 Palmerston Place, Edinburgh.
	1874 May 12.	BOCQUET, ROSCOE, C.I.E. ..	Sumner & Co., 25 de Mayo 112, Buenos
	1866 Apr. 10.}	BOHN, GEORGE .. .. .	Imperial Chambers, Hull. [Ayres.
	1877 Nov. 13.}		
	1891 Feb. 3.	BOLLER, ALFRED PANCOAST, M.A.	71 Broadway, New York, U.S.
†	1887 Feb. 1.	BOLTON, ALEXANDER JOSEPH	Calcutta.
	1884 Dec. 2.	BOND, CHARLES JOHN .. ..	So. Indian Ry., Cuddalore, Madras.
†	1876 May 2.}	BOOTH, ROBERT BELL .. ..	Rajkote, Kathiawar, India.
	1878 Dec. 31.}		
	1878 May 7.	BOSTOCK, JOHN HENRY .. ..	Harbour Works, Colombo, Ceylon.
	1879 Feb. 4.}	BOSWELL, ST. GEORGE JAMES,	Harbour Works, Quebec, Canada.
	1892 Nov. 1.}		
	1880 Feb. 3.	BOTHAMS, JOHN CHAMPNEY ..	Salisbury.
	1890 Dec. 2.}	BOUCHER, ARTHUR SACKVILLE	Kempsey, near Worcester.
	1895 Oct. 22.}		
†	1874 Feb. 3.}	BOULNOIS, HENRY PERCY ..	City Engineer, Liverpool.
	1878 Apr. 16.}		
	1877 Apr. 10.}	BOULTON, WILLIAM .. .. .	62 Carden Place, Aberdeen.
	1883 Apr. 10.}		
	1886 Jan. 12.}	* BOURKE, WALTER LONGLEY ..	The Old Hall, Worsley, Manchester.
	1896 May 19.}		
	1880 Dec. 7.}	{ BOUSCAREN, LOUIS FREDERICK GUSTAVE .. .. .	99 West Fourth St., Cincinnati, U.S.
	1876 Dec. 5.}		
†	1886 May 18.}	{ * BOVEY, HENRY TAYLOR, M.A., LL.D.	McGill University, Montreal, Canada.
	1876 Apr. 4.}		
	1881 Feb. 22.}	BOWSTEAD, CHARLES JAMES ..	Hyde Brae, Chalford, Glos.
	1882 Apr. 4.}		
	1894 Oct. 30.}	* BOYCE, HENRY GEORGE, F.C.H.	P.W.D., Cawnpore, India.
	1881 Dec. 6.	BOYD, ROBERT NELSON .. ..	
†	1854 Jan. 10.}	BOYLE, RICHARD VICARS, C.S.I.	Grindlay's, 55 Parliament St., S.W.
	1860 Feb. 14.}		
	1884 Dec. 2.}	* BOYNTON, FRANCIS .. .. .	Cyclops Works, Sheffield.
	1893 May 16.}		
†	1883 May 29.}	BRADY, ALFRED BARTON .. ..	{ D.P.W., Bridges Dept., Brisbane, Queensland.
	1895 Jan. 29.}		
	1868 May 5.	BRADY, FRANCIS .. .. .	S. E. Ry., London Bridge, S.E.
†	1875 Dec. 7.}	BRADY, JOSEPH .. .. .	{ The Oldfleet, Collins St., Mel- bourne, Victoria.
	1878 Dec. 3.}		



Date of Election and of Transfer.		MEMBERS.		
L +	1877 May 1.	BRAMALL, HENRY .. .. .	Pendlebury Colls., near Manchester.	
	1856 May 6.	BRAMWELL, Sir FREDERICK	5 Great George Street, S.W. (Well- bram, London. 3060.)	
	1862 Mar. 4.	JOSEPH, Bart., D.C.L., F.R.S. (Past-President)		
	1891 Feb. 3.	BREBNER, ALEXANDER .. ..	Lagos, West Africa.	
	1891 Dec. 1.	BRERETON, ALFRED .. .. .	W. Watson & Co., Bombay.	
	1880 Feb. 3.	BRERETON, CUTHBERT ARTHUR	{ 21 Delahay St., Westminster, S.W. (Consilium, London. 3024.)	
	1865 Jan. 10.	BRERETON, ROBERT MAITLAND	Forest Grove, Oregon, U.S.	
	1878 Mar. 5.	BRETLAND, JOSIAH CORBETT ..	City Surveyor, Belfast.	
	1885 Feb. 3.			
	1865 Dec. 5.	BRIERLEY, JOSEPH .. .. .	Blackburn.	
	1872 Feb. 13.	*BRIGGS, JAMES .. .. .	Midland Railway, Derby.	
	1881 Mar. 1.			
	1891 Apr. 21.			
	1881 Dec. 6.			
	1893 Nov. 7.	BRIGGS, JOHN HENRY .. ..	101 Grosvenor Road, S.W.	
	1896 May 5.	BRIGGS, ROSWELL EMMONS ..	Cuernavaca & Pacific Ry., Mexico.	
	1874 Mar. 3.	BRIND, ALFRED WALTER ..	2 The Grove, Muswell Hill, N.	
T t +	1874 May 5.	BRITTLE, JOHN RICHARD,	Farad Villa, Vanbrugh Hill, Black- heath, S.E.	
	1886 Mar. 1.	F.R.S.E., Wh. Sc. .. .. .		
	1868 Dec. 1.	BROADRICK, GEORGE, F.R.S.E.	Broughton Ho., Brighton Rd., Ipswich.	
		1865 Feb. 7.	BROCK, WALTER .. .. .	Messrs. Denny Brothers, Dumbarton.
		1877 Mar. 13.		
	1871 May 23.	BROMLEY, WALTER BRANDRETH	{ 12 Trebovir Road, Earl's Court, S.W.	
	1889 Nov. 26.			
	1883 Jan. 9.	*BROOKHOUSE, ROBERT HAROLD	Casilla de Correo, 1318, Buenos Ayres.	
	1889 Nov. 15.			
	1877 Dec. 4.	BROOM, GEORGE JAMES COTTOM	Boro' Engineer, St. Helen's, Lancs.	
	1892 Nov. 15.			
	1868 May 5.	BROTHERHOOD, PETER .. ..	{ Belvedere Road, Lambeth, S.E. (Brotherhood, London.)	
	1879 Feb. 4.			
	1870 Mar. 1.	BROTHERS, HORATIO .. ..	The Elms, Putney Hill, S.W.	
	1876 Jan. 11.	*BROUNGER, RICHARD ERNEST ..	Cape Town, C.C.	
	1885 May 12.			
T t +	1847 May 4.	BROUNGER, WILLIAM GEORGE	Pulteney, Austin Road, Guildford.	
	1864 Nov. 29.			
	1890 Feb. 4.	BROWN, ANDREW .. .. .	London Works, Renfrew.	
	1881 May 31.	BROWN, ARTHUR .. .. .	Guildhall, Nottingham.	
	1885 Nov. 10.			
	1883 Dec. 4.	BROWN, ARTHUR CARDWELL ..	{ Ensenada Railway, Central Station, Buenos Ayres.	
	1894 Jan. 23.			
	1886 Feb. 2.	BROWN, ARTHUR EDWARD ..	Govt. Rys., Colombo, Ceylon.	
	1893 Dec. 5.			
	1882 Dec. 5.	*BROWN, GEORGE CECIL HER- BERT .. .. .	{ L D. & E. C. Ry., Tuxford, Newark- on-Frent.	
	1894 Jan. 16.			
	1879 Dec. 2.	*BROWN, JAMES SAMUEL .. ..	North Western Ry., Lahore, Punjab.	
	1890 May 20.			
	1873 Dec. 2.	BROWN, JOHN .. .. .	{ Eng.-in-Chief, Govt. Railways, Cape Town, C.C.	
	1882 Feb. 7.			
	1874 Mar. 3.	*BROWN, OSWALD .. .. .	{ 32 Victoria Street, S.W. (Acqua, London.)	
	1880 May 25.			
	1880 Apr. 6.	BROWN, PHILIP HENRY ..	{ Local Fund Engineer, Coconada, Madras.	
	1895 Mar. 26.			
S t +	1868 Dec. 1.	BROWN, THOMAS FORSTER ..	{ Guildhall Chambers, Cardiff. (Min- ing, Cardiff.)	
	1864 Dec. 6.	BROWNE, Sir BENJAMIN CHAP- MAN .. .. .	{ Hawthorn's Engine Works, New- castle-on-Tyne.	
	1871 Mar. 7.			
	1882 Dec. 5.	BRUCE, ALEXANDER FAIRLIE	Springdale, Largs, N.B.	
	1894 Feb. 27.			
T +	1850 Apr. 2.	BRUCE, Sir GEORGE BARCLAY (Past-President.)	{ 3 Victoria Street, S.W. (Brentesia, London.)	
	1892 Dec. 6.	BRUCE, JOHN .. .. .	Port Mulgrave, Hinderwell, Yorks.	

Date of Election and of Transfer.		MEMBERS.	
T t	✠ 1876 Mar. 7.	BRUCE, WILLIAM DUFF .. ..	23 Roland Gardens, Kensington, S.W.
	1873 Mar. 6.	BRUFF, PETER JOHN .. ..	{ Vulcan Foundry, Christiania, Nor- way.
	1876 Nov. 21.		
	✠ { 1840 May 19.	BRUFF, PETER SCHUYLER ..	Handford Lodge, Ipswich.
	1856 Apr. 8.	BRUNDELL, BENJAMIN SHAW ..	{ 1 Prince's Street, Doncaster. 21 Delahay St., Westminster, S.W. (Consilium, London. 3024.)
	1869 May 4.		
	1877 Mar. 6.	BRUNEL, HENRY MARC .. ..	
	1875 Dec. 7.	*BRUNLEES, JOHN .. ..	12 Victoria Street, S.W. (3245.)
	1878 May 14.		
	✠ 1884 May 27.	BRUNTON, DAVID WILLIAM ..	Aspen, Colorado, U.S.
	✠ 1862 Dec. 2.	BRUNTON, GEORGE .. ..	6 Maple Road, Anerley, S.E.
T t	✠ { 1857 Feb. 3.	BRUNTON, JOHN .. ..	47 Clarendon Avenue, Leamington.
	1857 Apr. 21.		
	✠ { 1868 Apr. 7.	BRUNTON, RICHARD HENRY ..	3 Gipsy Rd., West Norwood, S.E.
	1873 May 13.		
	✠ { 1875 Mar. 2.	BRYAN, WILLIAM BOOTH ..	{ E. London Waterwks., Lea Bdge., N.E. (Engineer, Waterworks, Clapton.)
	1879 Mar. 4.		
	1878 Feb. 5.	BUCHANAN, ALEXANDER ..	Messrs. Handyside & Co., Derby.
	1870 May 24.	BUCHANAN, GEORGE .. ..	53 Ordnance Road, N.W.
	1857 May 5.	BUCHANAN, GEORGE .. ..	25 Bucklersbury, E.C.
	1885 Mar. 31.		
	1891 Jan. 13.	BUCHANAN, WILLIAM .. ..	Grand Central Station, New York,
	✠ 1869 Feb. 2.	BUCK, JOSEPH HAYWOOD WATSON	L. & N. W. Ry., Crewe. [U.S.]
	1871 Apr. 4.	BUCKHAM, EDWARD .. ..	Town Hall, Ipswich.
	1887 Jan. 25.		
	✠ { 1873 Dec. 2.	BUCKLEY, ROBERT BURTON, }	Arrah, Shahabad, Bengal.
	1880 Nov. 2.		
	1879 Apr. 1.	BUDGE, ENRIQUE .. ..	Valparaiso, Chili. [Argentina.]
	1888 Dec. 4.	BUDGE, OLIVER .. ..	East Argentine Ry., Concordia,
	1873 May 6.	BULKLEY, THOMAS ALFRED ..	Byculla Club, Bombay. [Reading.]
	1879 Nov. 4.		
	1881 May 31.	BULL, CHARLES ALBERT ..	Elmcroft, Caversham Park, near
	1875 Dec. 7.	BULMER, PHILIP .. ..	3 Bellevue Park, Sunderland.
	1889 Apr. 16.		
	1886 Apr. 6.	BURCH, WILLIAM .. ..	{ Wellington Road, Harborne, Bir- mingham.
	1894 Nov. 27.		
T t	✠ { 1866 Mar. 6.	BURGE, CHARLES ORMSBY ..	{ Railway Construction Branch, P.W.D., Sydney, N.S.W.
	1878 Apr. 9.		
	1888 May 15.	BURGH, ERNEST MACARTNEY DE	{ Roads and Bridges Dept., Sydney, N.S.W.
	1894 Nov. 20.		
	✠ { 1871 May 23.	*BURKE, CHARLES TOLER ..	Grindlay's, 55 Parliament St., S.W.
	1883 May 1.		
	1872 Dec. 3.	BURKE, GEORGE JOHN .. ..	{ Ludstone Chambers, Collins Street, Melbourne, Victoria.
	1883 Mar. 20.		
	1887 Dec. 6.	BURKE, JAMES MARLOW ..	G. S. & W. Ry., Inchicore, Dublin.
	1886 Dec. 7.	BURNETT, JAMES .. ..	Ry. Dept., Christchurch, N.Z.
	1896 Feb. 25.		
	1866 Feb. 6.	BURNETT, ROBERT HARVEY ..	Gorton Foundry, Manchester.
	1871 May 2.		
	1884 Feb. 5.	BURR, WILLIAM HENRY ..	Beeville, Texas, U.S.
	1889 Mar. 12.		
	1893 Dec. 5.	BURR, WILLIAM HUBERT ..	Columbia College, New York, U.S.
	1876 May 2.	*BURSTAL, EDWARD KYNASTON	38 Parliament Street, S.W.
	1881 Jan. 11.		
	1887 Apr. 5.	*BURY, OLIVER ROBERT HAWKE	F. C. Entre Rios, Parana, Argentina.
	1894 Feb. 27.		
	1874 May 12.	BUSH, GEORGE .. ..	34 Cleveland Square, Hyde Park, W.
	1891 Dec. 1.	BUTCHER, LOUIS HOLT .. ..	Ahmednagar, Bombay.
	✠ { 1885 Apr. 14.	BUTLER, MATTHEW JOSEPH ..	{ Bay of Quinte Ry., Napanee, Ont., Canada.
	1893 Nov. 7.		
	1854 Mar. 7.	BUTLER, RICHARD .. ..	Ballycarron, Golden, Ireland.
	1875 Dec. 7.	BUTLER, WALTER .. ..	Witham, Essex.
m	✠ 1881 Apr. 5.	BUTTER, HENRY JOSEPH ..	Claremont, Burrage Rd., Plumstead.

Date of Election and of Transfer.	MEMBERS.	
1885 Apr. 14.	BUTTERTON, WILLIAM .. ..	{Charlestown and Johannesburg Ry., Standerton, Transvaal.
1888 Dec. 11.		
1888 Dec. 4.	BUTTON, FRED SMITH .. ..	13 Palatine Square, Burnley.
1895 Jan. 8.		
1881 Dec. 6.	{BUYERS, JOHN WALKER, C.I.E., M.A. .. .. .}	H. S. King & Co., 45 Pall Mall, S.W.
1888 Dec. 4.		
	BUYERS, WILLIAM LIND .. ..	Assam-Bengal Ry., Shillong, Assam.
1882 Dec. 5	CAIRNS, ANDREW DUNCAN .. ..	Balquaharn, Menstrie, Stirling, N.B.
1887 Mar. 15.		
1892 Apr. 5.	CAMARA, ANTONIO DE LA .. ..	{Govt. Eng. for Rys., Manila, Philip- pine Islands.
1881 Dec. 6.	CAMERON, EDWARD ALEXANDER .. ..	Matlock House Hydro, Matlock.
1879 May 27.	{CAMPBELL, DAVID WILKINSON, C.I.E. .. .. .}	52 Clapham Road, Bedford.
1868 Dec. 1.		
1889 Apr. 30.	CAMPBELL, THOMAS PROCTER .. ..	E. I. Ry., Umballa, Punjab.
1872 Dec. 3.	*CAMPION, JOHN MONTRIOU .. ..	Umballa, India.
1885 Feb. 24.		
1876 Feb. 1.	CANNING, Sir SAMUEL .. ..	3 Gt. Winchester St. Buildings, E.C.
1879 Feb. 4.	*CANTOPHER, BERNARD WILLIAM .. ..	W. Watson & Co., Bombay.
1889 Nov. 15.		
1863 Dec. 1.	{CARRUTT, Sir EDWARD HAMER, Bart. .. .. .}	19 Hyde Park Gardens, W.
1888 Apr. 17.		
1886 Feb. 2.	CARDEW, CONELIUS EDWARD .. ..	Charlesworth, Chantry Rd., Moseley.
1896 Mar. 31.		
† 1877 Dec. 4.	*CAREY, ALFRED EDWARD .. ..	{39 Trinity Square, E.C. (Foresore, London.)
† 1884 Dec. 23.		
1870 Apr. 5.	CARGILL, THOMAS, B.A. .. ..	{E. E. Brook, 5 King's Bench Walk, Temple, E.C.
1877 Nov. 27.		
1886 May 18.	CARLETON, HENRY RICHARD, .. ..	Harbours & Rivers Dept., Sydney,
1891 Jan. 6.	M.A.I. .. .. .	N.S.W.
1866 Mar. 6.	CARLILE, HUGH .. ..	6 Kandauerstrasse, Riga.
1883 Dec. 4.	CAROLIN, EDWARD RICHARD .. ..	{District Eng., Govt. Railways, Cape Town, C.C.
1888 Feb. 14.		
1886 Apr. 6.	CARPENTER, CHARLES CLAUDE .. ..	{South Metropolitan Gasworks, Vaux- hall, S.W.
1896 Mar. 17.		
1875 May 4.	CARR, MARK WILLIAM .. ..	Ry. Eng.'s Office, Maritzburg, Natal.
1884 Mar. 4.		
1875 Mar. 2.	CARR, ROBERT .. ..	1 West Pier, London Dock, E.
1870 May 3.	CARRINGTON, THOMAS .. ..	{Midland Chambers, York St., Shef- field. (Mining, Sheffield. 518.)
1878 Jan. 15.		
† 1875 Dec. 7.	CARRINGTON, WILLIAM THOMAS .. ..	72 Mark Lane, E.C.
† 1881 Nov. 29.		
1869 May 11.	CARROLL, EDWARD BROTHERTON .. ..	Oriental Club, Hanover Square, W.
1877 Jan. 23.		
† 1866 Jun. 9.	CARRUTHERS, JOHN .. ..	13 Victoria Street, S.W.
† 1871 May 16.		
† 1876 Dec. 5.	CARSON, WILLIAM .. ..	Wallasey, Birkenhead.
1880 Jan. 13.	CARTER, HENRY ROBERT PASLEY .. ..	20 Priory Road, Bedford Park, W.
1876 Feb. 1.	CARTER, WILLIAM ALLAN .. ..	5 St. Andrew Square, Edinburgh.
1887 Jan. 25.		
1878 Feb. 5.	CARTWRIGHT, GEORGE .. ..	M. S. & L. Ry., Grimsby Docks.
1884 Mar. 18.		
1875 Dec. 7.	CARTWRIGHT, JOSHUA .. ..	Borough Surveyor, Bury, Lancs.
1885 Jan. 20.		
† 1884 Feb. 5.	*CASE, ALBERT HAVELOCK, .. ..	Dock & Rys., Port Talbot, S. Wales.
† 1893 Dec. 5.		
† 1872 Apr. 9.	*CASH, JOSEPH .. ..	Gas Co., Hove, Brighton.
† 1891 Apr. 7.		
1868 Dec. 1.	CATO, ALEXANDER .. ..	St. Macaire, Gironde, France.
1879 Mar. 4.	CAULFIELD, FRANCIS JOHN .. ..	State Engineer, Perak, S.S.
1887 May 24.		
† 1864 Mar. 1.	CAY, WILLIAM DYCE, F.R.S.E. .. ..	107A Princes Street, Edinburgh.
† 1872 Apr. 16.		

Date of Election and of Transfer.		MEMBERS.	
1882 Dec. 5.	CHABREL, MARCELIN JOHN,	{	Grindlay & Co., Calcutta.
1890 Nov. 25.	B.E. .. .. .		
1878 May 7.	CHADWICK, GEORGE BURTON ..	{	Watson & Swaine, 5 Copthall Build- ings, E.C.
1884 Nov. 4.	CHAMBERS, JOHN .. .. .		
1883 Jan. 9.	CHAMIER, GEORGE .. .. .	{	9 Souchon Road, Shanghai. 283 Glebe Rd., Glebe Point, Sydney N.S.W.
* { 1879 Dec. 2.	CHANTER, FRANCIS WILLIAM ..		
1884 Jan. 22.	CHAPMAN, ALFRED .. .. .	{	Fort Hill, Barnstable. Fawcett, Preston & Co., 17 York Street, Liverpool.
1882 May 23.	CHAPMAN, HENRY .. .. .		
1893 Feb. 21.	CHAPMAN, JAMES GREGSON ..	{	69 Victoria Street, S.W. (Tubalcain, London.)
1875 Mar. 2.	CHAPMAN, JOSEPH CRAWHALL		
1878 Jan. 15.	CHAPMAN, ROBERT .. .. .	{	25 Austinfriars, E.C. (Fawcett, London.)
1872 Feb. 6.	CHAPMAN, THOMAS .. .. .		
1879 Jan. 14.	CHASE, LLOYD HEBER .. ..	{	St. Mildred's, Surbiton. (Mon Abri, Alington Rd., Lansdowne Park, Bournemouth.
1875 Mar. 2.	CHATTERJEE, <i>Rai Bahadur</i>		
1878 Jan. 15.	KHETTER NAUTH .. .. .	{	Commonhead, Airdrie, N.B. Ry. Dept., Melbourne, Victoria.
1879 Feb. 4.	CHATTERTON, GEORGE, M.A. ..		
1894 May 22.	CHEESEWRIGHT, FREDERICK	{	Ex. Eng., Khidderpore, Calcutta. 46 Queen Anne's Gate, S.W.
1864 Jan. 12.	CHESTER, WILLIAM REGINALD		
1883 Feb. 6.	CHORLTON, JOHN SAMUEL ..	{	60 Haymarket, S.W. (Cheesewright, Haymarket.)
1879 Feb. 4.	CHRISTY, FREDERICK COLLIER		
1883 Nov. 27.	CHROCKATT DE SA PEREIRA DE	{	Gas Dept., 6 George St., Nottingham. The Rookery, Chatburn, Clitheroe.
1886 Feb. 2.	CASTRO, JOÃO .. .. .		
1891 May 12.	CHUBB, THOMAS LYON .. ..	{	St. Cyr, William St., South Yarra, Melbourne, Victoria.
1894 Dec. 4.	CHURCH, RICHARD FREDERICK		
1880 May 25.	CISNEROS, FRANCISCO JAVIER	{	Inspector-Gen. of Rys., Rio de Janeiro. Western Railway, Buenos Ayres.
1847 Mar. 2.	CLARK, GEORGE RICHARD ..		
1873 Dec. 23.	CLARK, JOSIAH LATIMER, F.R.S.	{	20 Victoria St., S.W. (3143.) [London.] 39 Coleman St., E.C., (Cisneros, 20 Pembroke Square, W.
1894 Dec. 4.	CLARKE, GEORGE JAMES ..		
1896 May 19.	CLARKE, JOSEPH PERCIVAL ..	{	11 Victoria Street, S.W. (Regency London. 3082.)
1875 Feb. 2.	CLARKE, THOMAS CURTIS ..		
1884 Feb. 5.	CLARKE, WILLIAM .. .. .	{	Tees Conservancy, Stockton-on-Tees. B. A. & Rosario Ry., Buenos Ayres.
1879 Dec. 2.	CLAYTON, THOMAS GETHING ..		
1858 Apr. 13.	CLAYTON, WILLIAM WIKLEY	{	44 Broadway, New York. U.S. 45 Parliament Street, S.W.
1861 Nov. 19.	CLEMENT, LEWIS METZLER ..		
1890 Mar. 4.	CLEMINSON, JAMES .. .. .	{	Midland Ry., Derby. Railway Foundry, Leeds.
1892 Nov. 22.	COATES, JOHN .. .. .		
1888 Apr. 10.	COBLEY, WALTER HENRY ..	{	1013 Central Av., Oakland, Cal., U.S. 9 New Broad Street, E.C. (Cata- marca, London.)
1896 Feb. 25.	COCHRANE, CHARLES STYLE ..		
1874 May 5.	CODRINGTON, THOMAS .. ..	{	99 Queen Street, Melbourne, Victoria.
1866 May 15.	COKE, WILLIAM LANGTON, Lt.		
1884 Jan. 8.	Col. 3rd Batt. Derbyshire Regt.	{	Govt. Rys., Lower Umkomaas, Natal. Port of Spain, Trinidad.
1889 Feb. 5.	COLAM, WILLIAM NEWBY ..		
1887 Dec. 6.	COLE, WILLIAM HENRY ..	{	5 Riverdale Rd., Twickenham Park. Local Govt. Board, Whitehall, S.W.
1874 Apr. 14.	COLEBROOK, HENRY WILLIAM		
1880 Apr. 20.	VAUGHAN .. .. .	{	22 Billiter Buildings, E.C. (Colam, London.)
1875 Dec. 7.	COLES, HENRY JAMES .. ..		
1888 Mar. 13.	* COLE, WILLIAM HENRY ..	{	Cotmore Lodge, Cheltenham. H. S. King & Co., 45 Pall Mall, S.W.
1877 Jan. 16.	* COLEBROOK, HENRY WILLIAM		
1890 May 6.	* COLES, HENRY JAMES .. ..	{	89 Sumner Street, Southwark, S.E.
1883 Feb. 6.			
1866 Feb. 6.		{	
1872 Jan. 23.			
1895 Feb. 5.		{	
1889 May 3.			
1892 Jan. 26.		{	
* { 1892 Jan. 12.			
1895 May 14.		{	
1891 Mar. 3.			
* { 1877 Dec. 4.		{	
1890 Dec. 16.			

Date of Election and of Transfer.		MEMBERS.	
T t *	1886 Mar. 2.	COLLARD, ROBERT .. ..	Orchard Leigh, St. John's, Ipswich.
	1881 Feb. 1.	COLLINGWOOD, FRANCIS .. ..	Elizabeth, New Jersey, U.S.
	1880 Dec. 7.)	*COLLINGWOOD, WILLIAM .. ..	{ Vulcan Foundry, Newton-le- Willows, Lancs.
	1885 Mar. 5.)		
*	1884 May 6.)	{ COLLINS, ERNEST .. ..	Wedderburn Road, Hampstead, N.W.
	1892 Jan. 11.)		
	1882 Dec. 5.)		
t *	1876 Mar. 7.)	{ COLLISTER, JOHN GEORGE	G. I. P. Railway, Bombay.
	1889 Apr. 9.)		
	1871 Feb. 7.)		
	1884 Mar. 11.)		
W t *	1870 May 24.)	COLSON, ALFRED .. ..	Gas Offices, Leicester.
	1877 Mar. 27.)		
	1883 May 29.)	COLSON, CHARLES .. ..	Admiralty, 21 Craven Street, W.C.
	1895 Oct. 22.)		
	1883 Dec. 4.)	COLYER, FREDERICK .. ..	18 Great George Street, S.W.
	1893 Mar. 21.)		
	1884 May 6.)	COMMANS, ROBERT EDDEN .. ..	6 Queen Street Place, E.C.
	1891 Mar. 24.)		
	1870 Dec. 6.)	*CONGREVE, HUBERT .. ..	Ship Canal, Runcorn.
	1883 Mar. 13.)		
	1886 Dec. 7.)	CONNAL, EMEN .. ..	P. W. D., Accra, Gold Coast.
	1896 Jan. 28.)		
*	1891 May 1.	*COODE, JOHN CHARLES .. ..	{ 9 Victoria Street, S.W. (Penlee London.)
	1887 Dec. 6.		
	1889 Feb. 5.)	COODE, MONTGOMERY PENROSE	Penlee, Devonport.
	1895 May 14.)		
	1893 Jan. 10.	COOK, DAVID .. ..	165 Queen Victoria Street, E.C.
	1881 Dec. 6.)		
	1895 Dec. 3.)	COOK, GEORGE LESLIE .. ..	P.W.D., Dunedin, Otago, N.Z.
	1885 Dec. 1.)		
	1894 Mar. 13.)	COOK, WALTER EDMUND .. ..	{ Water and Sewerage Dept., Pitt St., Sydney, N.S.W.
	1885 Feb. 3.		
	1871 May 2.)	COOM, JOHN .. ..	Ry. Department, Dunedin, N.Z.
	1877 Oct. 30.)		
*	1870 May 3.)	*COOPER, CHARLES FRIEND .. ..	{ 68 Victoria Street, S.W. (Patella, London. 1140.)
	1876 Jan. 11.)		
	1876 Mar. 7.	*COOPER, FRANCIS ALFRED .. ..	{ Director of Public Works, Hong Kong.
	1875 Jan. 12.)		
	1880 Feb. 24.)	COOPER, FREDERICK EASTMENT	11 Victoria Street, S.W.
	1880 May 25.)		
	1881 Feb. 1.	COOPER, GEORGE .. ..	Pencliff, Alleyn Rd., West Dulwich.
	1885 Dec. 3.)		
	1871 May 2.)	COOPER, ROBERT ELLIOTT .. ..	8 The Sanctuary, S.W.
	1877 Oct. 30.)		
	1876 Jan. 11.)	COPLAND, WILLIAM ROBERTSON	{ 146 W. Regent St., Glasgow. (Cop- land, Glasgow. 358.)
	1876 Mar. 7.		
W t *	1875 Jan. 12.)	*COPPERTHWAITHE, HAROLD .. ..	{ North Eastern Ry., York. (Copper- thwaite, York.)
	1880 Feb. 24.)		
	1880 May 25.)	CORDNER, ROBERT ALLEN .. ..	King, King & Co., Bombay.
	1881 Feb. 1.		
	1884 Dec. 2.)	{ CORNISH, JOSIAH EASTON.	Alexandria Water Co., Egypt.
	1880 May 4.)		
	1893 May 9.)	{ C.M.G. .. ..	Alexandria Water Co., Egypt.
	1881 May 31.)		
	1889 Dec. 3.)	CORTHELL, ELMER LAWRENCE	71 Broadway, New York, U.S.
	1861 May 7.)		
	1864 Mar. 22.)	*COSTOBADIE, WILLIAM PALLISER	{ Major Costobadie, Woolhampton, Reading.
	1893 Feb. 7.		
*	1874 Jan. 13.)	COTTON, CHARLES OSWELL .. ..	{ Stanhope House, Avenue Road, Abergavenny.
	1890 May 6.)		
	1889 May 21.)	COTTON, CHARLES PHILIP .. ..	{ Local Govt. Board, Custom House, Dublin.
	1895 Mar. 26.)		
	1894 May 22.)	COTTON, FRANCIS MICHAEL .. ..	Harbour Office, Holyhead.
	1876 May 30.)		
	1889 Nov. 26.)	COTTON, WILLIAM GORDON	5 Council House St., Calcutta.
	1879 Feb. 4.		
	1885 Apr. 14.)	LYNCH .. ..	{ Overhead Railway, James Street, Liverpool.
	1888 Dec. 4.		
	1883 Mar. 6.	*COTTRELL, STEPHEN BUTLER	{ Minns de Tharsis, Huelva, Spain.
	1889 Nov. 26.)		
+	1879 Feb. 4.	COURTNEY, CHARLES FREDERICK	76 Redcliffe Square, S.W.
	1885 Apr. 14.		
	1888 Dec. 4.	COURTNEY, FRANK STUART .. ..	9 Bridge St., Westminster, S.W.
	1883 Mar. 6.		
+	1885 Apr. 14.	COUSINS, EDWARD .. ..	Burgate House, Fordlingbridge, [Salisbury.
	1888 Dec. 4.		
	1883 Mar. 6.	COVENTRY, WALTER BULKELEY	Falkirk, N.B.
	1883 Mar. 6.		
+	1885 Apr. 14.	COWAN, DAVID .. ..	109 Bath Street, Glasgow.
	1888 Dec. 4.		
	1883 Mar. 6.	COWAN, McTAGGART .. ..	109 Bath Street, Glasgow.
	1883 Mar. 6.		

Date of Election and of Transfer.		MEMBERS.	
m	†	{ 1885 Feb. 3. } *COWAN, PETER CHALMERS, } 1892 May 3. } B.Sc. . . . . }	9 College Gardens, Belfast.
		{ 1880 Dec. 7. } 1889 Dec. 3. } COX, JOHN HENRY . . . .	Boro' Surveyor, Bradford.
t	†	{ 1883 Apr. 3. } CRAIG, JAMES . . . .	Tay Terrace, East Newport, N.B.
		{ 1880 May 4. } 1883 Nov. 6. } CRAIG, JOHN, M.A. . . . .	Queenstown, C.C.
t	†	{ 1861 Apr. 9. } CRAWFORD, <i>Professor</i> ROBERT, } 1879 Nov. 11. } M.A. . . . . }	Stonewold, Ballyshannon, Ireland.
		{ 1888 Dec. 4. } 1893 Mar. 7. } CRAWFORD, ROBERT . . . .	Harbour Engineer, Greenock, N.B.
		{ 1896 May 5. } 1877 Feb. 6. } CRAWFORD, WILLIAM . . . .	{ Dept. Rys. and Canals, Ottawa, Canada.
		{ 1883 May 29. } CRAWFORD, JOHN BRUCE . . . .	34 Argyle Street, King's Cross, W.C.
		{ 1872 May 7. } CREGEEN, ARCHIBALD CRELLIN	Grindlay's, 55 Parliament St., S.W.
		{ 1881 Dec. 6. } 1891 Feb. 3. } CRESSWELL, MARSHAL . . . .	P.O., Launceston, Tasmania.
		{ 1879 Feb. 4. } 1884 Dec. 23. } CRESWELL, ROBERT EDWARD . .	Te Horo, Wellington, N.Z.
		{ 1888 Mar. 6. } CRIGHTON, CHARLES EDWIN . .	S. I. Ry., Negapatam, Madras.
t	†	{ 1879 May 6. } *CRIMP, WILLIAM SANTO . . . .	27 Great George Street, S.W.
		{ 1891 Jan. 13. } 1882 Mar. 7. } CROES, JOHN JAMES ROBERTSON	68 Broad Street, New York, U.S.
T t	†	{ 1886 May 18. } { CROMPTON, ROOKES EVELYN } 1892 Feb. 2. } { BELL . . . . . }	Mansion House Buildings, E.C.
		{ 1894 May 22. } { CROSLAND, JAMES FOYELL } 1886 Feb. 2. } { LOVELOCK . . . . . }	67 King Street, Manchester.
		{ 1891 Jan. 13. } CROSS, WILLIAM . . . . .	{ Hawthorn's Works, Newcastle-on- Tyne (Cross, Newcastle-on-Tyne.)
		{ 1868 Jan. 14. } CROSTHWAIT, THOMAS PHILIP	38 Pembroke Road, Dublin.
		{ 1887 Dec. 13. } SHERARD, B.A. . . . .	175 Hope Street, Glasgow. (Crouch, Glasgow.)
		{ 1871 Feb. 7. } CROUCH, WILLIAM . . . . .	Tilthams, Godalming, Surrey.
		{ 1879 Jan. 7. } CROUDACE, CHARLES HUTTON	18 Broadway, New York, U.S. (Bu- dial, New York.)
		{ 1893 May 2. } CROWELL, FOSTER, M.C.E. . .	Huddersfield.
		{ 1878 May 7. } CROWTHER, GEORGE HENRY . .	Beech Holme, Cromwell Parade, Scarborough.
		{ 1893 Mar. 21. } 1867 Feb. 5. } CROZIER, WILLIAM . . . . .	Tower Bridge, 9 Horselydown Lane, S.E.
t	†	{ 1883 Feb. 6. } CRUTTWELL, GEORGE EDWARD } 1888 Mar. 13. } WILSON . . . . . }	Upperthorpe, Darlington.
t	†	{ 1860 May 1. } CUDWORTH, WILLIAM . . . .	Eng.'s Office, N. E. Ry., Darlington.
		{ 1883 Mar. 6. } CUDWORTH, WILLIAM JOHN . .	Street Ry. Office, Craig St., Montreal,
		{ 1896 Jan. 7. } CUNNINGHAM, GRANVILLE CAR- } 1878 Dec. 3. } LYLE . . . . . }	Canada.
t	†	{ 1876 Feb. 1. } CUNNINGHAM, DAVID, F.R.S.E.	Harbour Chambers, Dundee.
		{ 1863 Dec. 1. } 1873 Apr. 1. } CURREY, ELIOTT SCARLETT . .	Erlwood, Bagshot.
m		{ 1877 Dec. 4. } *CURRY, MATTHEW . . . .	62 Coombe Rd., South Croydon.
		{ 1886 Jan. 19. } *CURRY, THOMAS ELMITT . .	{ N.W. Ry., Bolan District, <i>via</i> Quetta, India.
		{ 1883 Apr. 3. } CUTHBERT, EDWIN . . . .	Drainage Board, Christchurch, N.Z.
		{ 1888 Dec. 4. } 1896 Apr. 21. } D'AETH, JOHN . . . . .	P.W.D., Kingston, Jamaica.
		{ 1876 May 2. } DAGLISH, GEORGE HEATON . .	{ Rock Mount, Aigburth, Liverpool. (Daglish, Aigburth, Liverpl. 2717.)
t	†	{ 1867 May 21. } DAGLISH, JOHN . . . . .	{ Rothley, Cambo, Northumberland. (Daglish, Longwiton, Morpeth.)
		{ 1881 May 31. } DANBY, WILLIAM . . . . .	Hong Kong.
		{ 1871 Mar. 7. } DANGERFIELD, EDWARD . .	40 Central Hill, Upper Norwood, S.E.
		{ 1885 Feb. 3. } DANGERFIELD, PAUL WILLIAM	H. S. King & Co., 45 Pall Mall, S.W.
		{ 1873 Dec. 2. } 1879 Jan. 7. } DARLEY, CECIL WEST . . . .	{ Water and Sewerage Board, Sydney, N.S.W.

Date of Election  
and of Transfer.

## MEMBERS.

	1864 Feb. 2.	DARLEY, GEORGE JOHNSTONE	The Grange, Stillorgan, co. Dublin.
	1883 Dec. 4.	PARTNALL, WILLIAM WHITNEY	Perth, Western Australia.
W t *	1877 Feb. 6.	DAVEY, HENRY .. .. .	3 Princes St., Westminster, S.W.
	1878 May 21.		
	1876 Apr. 4.	DAVIDSON, ALFRED .. ..	W. Watson & Co., Bombay.
	1889 Feb. 19.		
	1884 May 6.	DAVIDSON, JAMES YOUNG ..	{Stowe Lodge, Elm Grove, Wimble-
			don.
	1876 Dec. 5.	DAVIDSON, ROBERT .. ..	37 Surrey Street, Sheffield.
	1885 Dec. 1.		
	1884 May 6.	DAVIES, WILLIAM .. .. .	The Celyn, Caergwrle, Wrexham.
	1866 May 15.	DAVIS, HENRY WHEELER ..	5 Highbury Grove, N.
	1889 Dec. 3.	DAVIS, JOSEPH .. .. .	Sewerage Dept., Sydney, N.S.W.
	1891 Nov. 9.		
	1884 Mar. 4.	*DAVISON, ROBERT COPE HARDY	East Dock, Barry, Cardiff.
	1895 Jan. 22.		
	1885 May 5.	DAWNEY, CHARLES .. .. .	367 Calle San Martin, Buenos Ayres.
	1866 Dec. 4.	DAWSON, GEORGE JAMES	{North Staffs. Ry., Stoke-on-Trent.
	1872 Mar. 26.	CROSHIE	
	1877 May 29.	DAWSON, JOSEPH .. .. .	{1247, 67th Street, Park Manor,
	1880 Feb. 10.		
	1886 Jan. 12.	*DAWSON, WILLIAM .. ..	L. & N. W. Ry., Bangor.
	1896 Feb. 25.		
	1886 Mar. 2.	DAWSON, WILLIAM .. ..	Town Hall, Leyton, E.
	1896 Feb. 25.		
	1878 Feb. 5.	*DAWSON, WILLIAM ALFRED ..	1 Victoria Street, S.W.
	1884 Jan. 8.		
	1883 Mar. 6.	DAY, ARTHUR JAMES .. ..	Northam Iron Works, Southampton.
	1871 Jan. 10.	DAY, JAMES EDWARD .. ..	Violet Hill, Ballybrack, co. Dublin.
T W S t *	1872 Dec. 3.	DEACON, GEORGE FREDERICK	32 Victoria Street, S.W. (3086.)
	1874 Jan. 6.		
	1886 Dec. 7.	DEACON, MAURICE .. .. .	Blackwell Collieries, nr. Alfreton.
	1892 Dec. 20.		
	1877 Mar. 6.	DEAN, WILLIAM .. .. .	G. W. Ry., Swindon.
	1878 Jan. 15.		
	1874 May 5.	{DEANE, HENRY, M.A. (Member)	Ry. Dept., Sydney, N.S.W.
	1886 May 11.	{of Council) .. .. .	
	1895 Dec. 3.	DEANE, HENRY HARGRAVE, B.A.	B. B. & C. I. Ry., Bombay.
	1886 Apr. 6.	DE BRATH, STANLEY .. ..	{Hawthorneden, Lawrie Park Road,
	1894 Feb. 20.		
	1868 Feb. 4.	DENHAM, CHARLES HENRY ..	Taljeriah, Craneswater, Southsea.
	1889 Mar. 5.	DENNISON, GAVIN HADDEN ..	The Firs, Meadowbank, Oamaru, N.Z.
	1863 Apr. 14.	DENT, WILLIAM DENT, M.A. ..	{24 Devonshire Rd., Princes Pk.,
			Liverpool.
	1891 Dec. 1.	DENTON, EARDLEY BAILEY, B.A.	9 Bridge Street, Westminster, S.W.
	1865 Dec. 5.	DERRY, JOHN DICKSON .. ..	22 Great Winchester Street, E.C.
	1878 May 28.		
	1868 Feb. 4.	DE RUSSETT, EDWIN WILLIAM	Warden House, Tynemouth.
	1893 May 9.		
	1878 May 7.	DIBBIN, HENRY ARTHUR ..	Byfield, Northants.
	1888 Apr. 10.	DICK, FREDERICK JOHN .. ..	Office of Public Works, Dublin.
	1893 May 2.		
	1877 Feb. 6.	DICK, GAVIN GEMMELL .. ..	{Queensland Office, 1 Victoria Street,
	1881 Nov. 15.		
	1860 Apr. 3.	DICKINSON, JAMES AUSTEN ..	{S.W. [Dublin.]
	1878 May 7.	DICKSON, GEORGE WORKMAN.	8 Crosthwaite Park, Kingstown, co.
	1894 Jan. 23.	{B.A. .. .. .	{P.W.D., Georgetown, Demerara.
	1880 Apr. 6.	DILLON, JAMES .. .. .	
	1892 Feb. 2.	DIXON, EDWARD KEVILLE, M.E.	County Surveyor, Castlebar, Mayo.
	1891 Nov. 27.		
	1891 May 12.	DIXON, FREDERICK PARKER ..	Town Hall, Rathmines, co. Dublin.
	1878 Feb. 5.	DIXON, WAYMAN .. .. .	{Cleveland Dockyard, Middlesbro'-on-
	1882 Nov. 27.		

	Date of Election and of Transfer.	MEMBERS.	
✠	1882 Mar. 7.	DOBSON, ARTHUR DUDLEY ..	Warrnambool, Victoria.
T t ✠	{1842 Mar. 1. 1881 Mar. 29.}	DOBSON, EDWARD .. ..	Hereford St., Christchurch, N.Z.
	1873 Feb. 4.	*DOBSON, JAMES MURRAY ..	{Buenos Ayres; & 33 Great George Street, S.W.
	1880 Dec. 14.		
	1854 Apr. 4.	DODDS, THOMAS WEATHERBURN	6 Priory Road, Sheffield.
	1873 Apr. 1.		
	1881 Apr. 5.	DODWELL, CHARLES EDWARDS}	42 Queen St., Halifax, Nova Scotia.
	1890 Feb. 18.	WILLOUGHBY, B.A. .. ..	
	1884 Dec. 2.	DOIG, SCROPE BERDMORE ..	{Ex. Eng. for Irrigation, Ahmedabad India.
	1894 Dec. 4.	DOMINICO, GUILLERMO FREDERICO JORGE .. .. .	{J. M. Dobson, Puerto, Buenos Ayres.
	1882 Feb. 7.		
	1891 Apr. 7.	DONALDSON, HAY FREDERICK ..	30 Cornwall Gardens, S.W.
	1875 Dec. 7.		
	1877 Dec. 4.	DONALDSON, JOHN .. ..	Tower House, Chiswick.
	1863 Dec. 1.	DONALDSON, THOMAS OLINTHUS	49 Lee Terrace, Lee, S.E.
W t m ✠	1884 Feb. 5.	DONKIN, BRYAN .. ..	The Mount, Wray Park, Reigate.
	1893 Feb. 7.	DORMAN, RICHARD HENRY ..	County Surveyor, Armagh.
	1864 Dec. 6.	DORNING, ELIAS .. ..	{41 John Dalton Street, Manchester. (Datum, Manchester.)
T W t ✠	1861 Feb. 5.	{DOUGLASS, Sir JAMES NICHOLAS, F.R.S.	Stella House, Bonchurch, I.W.
t ✠	1868 Mar. 3.	DOUGLASS, WILLIAM .. ..	Irish Lights Office, Dublin.
T t ✠	{1882 May 23. 1887 Dec. 6.}	*DOUGLASS, WILLIAM TREGAR- THEN .. .. .	{15 Victoria Street, S.W.
	1883 May 1.	DOWNEY, ALFRED CHRISTIAN	Marton Road, Middlesbrough.
✠	{1871 Mar. 7. 1884 May 13.}	DOWSON, JOSEPH EMERSON ..	{39 Old Queen St., Westminster, S.W. (Gaseous, London.)
	1883 May 29.	DRAPER, CARTER, B.A. ..	26 Grosvenor Rd., Rathmines, Dublin.
	1896 Feb. 4.	DREDGE, JAMES .. ..	35 Bedford Street, Strand, W.C.
	1854 May 2.		
	1864 Nov. 29.	DREW, EDWARD ALEXANDER ..	The Mount, Braughing, Herts.
t ✠	1881 May 31.	DRUMMOND, DUGALD .. ..	L. & S. W. Ry., Nine Elms, S.W.
✠	{1875 Feb. 2. 1878 Apr. 9.}	DUCKHAM, FREDERIC ELIOT ..	Millwall Docks, E.
	1886 Dec. 7.	DUFFY, WILLIAM .. ..	Mordialloc, Melbourne, Victoria.
	1878 Mar. 5.		
	1885 Jan. 20.	DUGDALE, RICHARD SWARBRICK	Boro' Engineer, Huddersfield.
	1882 Feb. 7.	{DUNCAN, Hon. GEORGE ALEX- ANDER HALDANE .. ..}	8 Gloucester St., Boston, Mass., U.S.
	1887 Dec. 6.	DUNCAN, GEORGE SMITH ..	Melbourne, Victoria.
	1892 Mar. 1.	DUNCAN, PATRICK .. ..	P.W.D., Quetta, India.
	1885 Dec. 1.	DUNCAN, ROBERT .. ..	Whitefield Works, Govan, Glasgow.
	1876 Mar. 7.	DUNCANSON, ALEXANDER ..	Municipal Offices, Liverpool.
	1874 Dec. 1.	DUNDAS, ROBERT .. ..	3 Germiston Street, Glasgow.
	1883 Dec. 4.	DUNLOP, CHARLES BLACKBURN	Nizam's Ry., Secunderabad, India.
	1896 Apr. 14.	DUNN, GEORGE OWEN WILLIAM	39 Marine Lines, Bombay.
	1879 May 6.		
	1883 Jan. 23.	DUNSCOMBE, CLEMENT, M.A.	{32 Victoria Street, S.W. (Persuade, London.)
	1894 Mar. 6.	DUQUEMIN, JAMES .. ..	Braemar, St. Peter Port, Guernsey.
	1869 Jan. 12.		
	1899 Dec. 7.	DYKE, THOMAS, B.A. .. ..	Ashton Lodge, near Bristol.
	1866 Dec. 4.		
	1871 Mar. 28.	EACHUS, GEORGE FEDES .. ..	39 Old Queen St., Westminster, S.W.
	1896 Feb. 4.	EARLE, HARDMAN ARTHUR ..	16 Victoria Street, S.W.
	1883 Feb. 6.		
	1893 Dec. 19.	EATRS, JOHN THOMAS .. ..	Borough Engineer, West Bromwich.
	1854 Apr. 4.	ECKERSLEY, WILLIAM .. ..	{46 Gledstanes Rd., West Kensing- ton, W.
	1872 Apr. 9.		
	1882 Feb. 21.	EDWARDS, ROBERT .. ..	R. Hornsby & Sons, Grantham.



Date of Election and of Transfer.		MEMBERS.	
	1884 May 27.	{ ELGAR, <i>Prof.</i> FRANCIS, I.L.D., F.R.S. . . . . }	113 Cannon Street, E.C.
*	{ 1872 Feb. 6. 1878 Jan. 29. }	ELIOT, WHATELY . . . .	11 Alfred Street, Plymouth.
	1874 Dec. 1.	ELICE - CLARK, EDWARD	34 Victoria Street, S.W.
	1882 May 23.	BAUDOUIN . . . . .	
W t *	1882 Dec. 5.	ELLINGTON, EDWARD BAYZAND	{ 9 Bridge Street, Westminster, S.W. (Hydrower, London.)
	1872 Feb. 6.	ELLIOTT, <i>Chevalier</i> JOHN . .	31 Via S. Spirito, Florence.
	1880 Mar. 2.	ELLIS, ATTWILL . . . .	S. Indian Ry., Trichinopoly, Madras.
	1888 Dec. 4.	ELLIS, EDWARD . . . .	G. N. Ry., Leeds.
	1896 Mar. 17.	ELLIS, JOHN DEVONSHIRE . .	Atlas Works, Sheffield.
	1887 Dec. 6.	*ELLIS, REGINALD EATON . .	Municipal Office, Madras.
	1896 Mar. 3.		[Chester.
	1866 Apr. 10.	ELLIS, WILLIAM IRLAM . .	
	1884 Mar. 18.	ELSDON, WILLIAM . . . .	62 Ward's Bldgs., Deansgate, Man-
	1870 Apr. 5.	ELWELL, PAUL BEDFORD . .	George St., East Melbourne, Victoria
	1894 Feb. 6.	ELWES, RICHARD GERVASE . .	Australian Club, Sydney, N.S.W.
	1873 May 6.	ELWIN, CHARLES . . . .	3 Laurence Pountney Hill, E.C.
	1878 Apr. 9.	*ELWIN, CHARLES . . . .	
	1873 Dec. 2.	ELY, THEODORE NEWEL . .	{ County Council, Spring Gardens, S.W. [Philadelphia, Pa., U.S.
	1893 May 9.	EMERY, CHARLES EDWARD . .	Pennsylvania Railroad, Broad St.,
W t *	1886 Apr. 6.	EMMOTT, PHILIP RICKMAN . .	915 Bennett Bldg., New York, U.S.
	1876 May 2.		Brackendene, Parkstone, Poole.
	1883 Nov. 6.	ENDE, MAX AM . . . .	
T t *	{ 1876 Mar. 7. 1884 Jan. 22. }	ENSCOTT, EDWARD RICE SWEET	5 Victoria Street, S.W.
	1881 Dec. 6.	ESSON, WILLIAM BEEDIE . .	Boro' Engineer, Halifax.
	1890 May 6.		Victoria Works. Old Charlton, Kent.
	1894 Dec. 18.	ESTALL, GEORGE . . . .	
	1874 Dec. 1.	ETLINGER, JOHN ERNEST . .	{ Metropolitan District Ry. Works, West Brompton, S.W.
	1895 Nov. 26.	EVANS, CHARLES THOMAS . .	Ewood, Hampton-on-Thames.
	1896 Mar. 3.	EVANS, MORTIMER . . . .	P. W. D., Cawnpore, India.
	1890 May 6.	EVANS, WILLIAM . . . .	Savile Club, Piccadilly, W.
	1882 Mar. 7.	EVENS, THOMAS . . . .	Cyfarthfa Works, Merthyr Tydfil
	1890 Dec. 2.		8 Laurence Rd., South Norwood, S.E.
	1884 May 27.	*EVERARD, JOHN BREEDON . .	
	1870 May 3.		6 Millstone Lane, Leicester.
	1886 Mar. 1.	EVILL, WILLIAM . . . .	
*	{ 1841 Mar. 16. 1865 Dec. 5. }	EWART, HENRY . . . .	43 Gloucester Gardens, W.
	1884 May 6.		[Eastbourne.
t *	{ 1882 Jan. 10. 1891 Nov. 3. }	EWING, <i>Prof.</i> JAMES ALFRED, M.A., B.Sc., F.R.S.S.L. & E. }	
T t *	1891 Mar. 3.	EYLES, GEORGE LANCELOT . .	Langdale Lodge, The Avenue, Cam- bridge.
	1874 Dec. 1.		2 Delahay Street, Westminster, S.W.
	1880 Nov. 9.		
✠	1879 May 27.	FAHEY, CHARLES SWAINE . .	{ Ranton, Burwood Park Road, Wal- ton-on-Thames.
	1880 Dec. 7.	FAHIE, WILLIAM JOSEPH . .	49 Ailesbury Road, Dublin.
	1864 Jan. 12.	FALKNER, TRAVERS HARTLEY	9 Upper Merrion Street, Dublin.
*	{ 1887 Dec. 6. 1891 Jan. 27. }	FARRAR, SIDNEY HOWARD . .	{ F. A. Robinson & Co., 51 Old Broa St., E.C.
	1875 May 4.	*FAVELL, THOMAS MILNES . .	{ Heatherlea, Wolsanton, Stoke-on- Trent.
	1894 Nov. 27.		{ Temple Chambers, Brazennose Street, Manchester.
m m *	{ 1888 May 1. 1896 May 5. }	*FAWCUS, WILLIAM PAUL JAMES	
	1868 Apr. 7.	FENNER, HENRY ALGERNON }	46 Granville Park, Blackheath, S.E.
	1877 Oct. 30.	SHRAPNEL . . . .	
	1867 Feb. 5.	FENWICK, THOMAS . . . .	{ 1 Park Place, Leeds. (Fenwick, Engineer, Leeds.)
	1871 May 2.	FERGUSON, HENRY TANNER . .	Wolfeigh, Bovey Tracey.
	1884 Oct. 14.		

	Date of Election and of Transfer.	MEMBERS.	
	1880 Dec. 7.)	FERGUSON, WILLIAM, M.A., B.E.	Harbour Board, Wellington, N.Z.
	1893 May 16.)		
	1884 Dec. 2.)	*FERGUSON, JOHN COLEMAN ..	{614 Granville St., Vancouver,
	1895 Nov. 26.)		{British Columbia.
W t m ✕	{1862 Dec. 2.)	FERNIE, JOHN .. .. .	Hutchinson, Kansas, U.S.
	{1869 Feb. 23.)		
	1867 May 21.)	FERRAR, WILLIAM GREY ..	{1 Laburnum Villas, South Park
	1877 Oct. 30.)		{Avenue, Ilford, E.
	1879 Jan. 14.)	FFORDE, JAMES .. .. .	17 Victoria Street, S.W.
	1881 Mar. 1.)	FIDDES, WALTER .. .. .	Belgrave Rd., Tyndall's Pk., Bristol.
t ✕	1880 Jan. 13.)	FIDLER, <i>Prof.</i> THOMAS CLAXTON	University College, Dundee.
	1891 Feb. 3.)	FIELD, GEORGE ROBERT MOYLE	Ashburnham Road, Tonbridge.
	1857 Mar. 3.)	FIELD, JOSHUA .. .. .	{108 Westminster Bridge Road, S.E.
	1862 May 20.)		{(4681.)
	1866 Jan. 9.)	FIELD, ROGERS, B.A. .. ..	7 Victoria Street, S.W.
	1877 May 29.)		
	1886 Feb. 2.)	FIELDING, JOHN .. .. .	Atlas Works, Gloucester.
	1885 Feb. 3.)	FINCHAM, JAMES .. .. .	Hobart, Tasmania.
	1881 Feb. 1.)	FINDLAY, CHARLES FARQUHAR,	{East Indian Ry., Delhi.
	1889 Mar. 12.)	M.A. .. .. .	
	1886 Apr. 6.)	*FIRTH, CHARLES .. .. .	{U.S. Asst. Eng., Wetumpka, Ala-
	1896 Mar. 3.)		{bama, U.S.
	1876 Dec. 5.)	FIRTH, THOMAS RHODES ..	Railway Dept., Sydney, N.S.W.
	1894 Feb. 6.)	FISCHER, GUSTAVE JOSEPH ..	Ry. Construction Dept., Sydney.
	1876 Feb. 1.)	FISHER, BEN JAMES .. .. .	L. and S. W. Ry., Exeter. [N.S.W.
	1878 May 14.)		
	1875 Dec. 7.)	FISHER, HENRY OAKDEN ..	Ty Mynydd, Radyr, Cardiff.
	1881 May 31.)		
	1879 Dec. 2.)	FITCH, BENNETT .. .. .	7 Grange Road, Ealing, W.
	1884 Nov. 25.)		
in	{1887 Feb. 1.)	*FITZMAURICE, MAURICE, B.E.	{Blackwall Tunnel, East Green-
	{1893 Dec. 5.)		{wich, S.E.
✕	{1879 Feb. 4.)	FLANNERY, JAMES FORTESCUE,	{9 Fenchurch Street, E.C.
	{1885 Mar. 3.)	M.P. .. .. .	
	1871 May 23.)	FLEMING, SANDFORD, C.M.G...	Ottawa, Canada.
✕	{1851 Mar. 4.)	FLETCHER, LAVINGTON EVANS	{9 Mount St., Manchester. (Steam
	{1880 Apr. 27.)		{Users, Manchester.)
	1871 Dec. 5.)	{FLOYD, WALTER COMBERMERE}	Southampton Villa, Grove Road,
	1885 Nov. 10.)	{LEE .. .. .	Southsea.
	1863 Apr. 14.)	FOGERTY, JOSEPH .. .. .	30 West Hill, Sydenham, S.E.
	1863 Dec. 1.)	FOGG, ROBERT .. .. .	159 Knights Hill, W. Norwood, S.E.
	1885 Feb. 24.)		
	1896 May 5.)	FOGGIN, WILLIAM .. .. .	12 Devonshire Pl., Jesmond-on-Tyne.
	1865 May 2.)	FOLKARD, ARTHUR CROUCH ..	2 Portman Mansions, Baker St., W.
	1869 Dec. 7.)		
	1880 Dec. 7.)	FOOT, GEORGE .. .. .	Ferro Carril Mexicano, Mexico.
	1881 Apr. 5.)	FOOTE, ANDREW .. .. .	Borough Surveyor, Oldham.
✕	1867 May 7.)	FOOTNER, HARRY .. .. .	L. & N. W. Ry., Crewe.
	1877 May 1.)	FORBES, EDMUND BATTEN ..	F. C. Taltal, Taltal, Chili.
	1889 Mar. 5.)	{FORBES, <i>Professor</i> GEORGE,	{34 Great George Street, S.W.
	1857 Feb. 3.)	M.A., F.R.S.S.L. & E. ..	
✕	{1862 Feb. 11.)	FORDE, HENRY CHARLES ..	{4 Great Winchester Street, E.C.
	1887 Dec. 6.)	FORMAN, CHARLES DE NEUVILLE	160 Hope Street, Glasgow.
	1866 May 1.)	FORMAN, JAMES RICHARDSON	160 Hope Street, Glasgow.
✕	{1883 Mar. 6.)	FORREST, BENJAMIN JAMES ..	{c.o. London and Brazilian Bank,
	{1895 Jan. 8.)		{Bahia, Brazil.
	1874 Jan. 13.)	FORREST, JACOB .. .. .	Salamanca, Spain.
	1882 Jan. 10.)		
	1867 May 21.)	FORSTER, GEORGE BAKER, M.A.	Farnley Hill, Corbridge-on-Tyne.
	1887 Apr. 5.)	FOSTER, THOMAS BARHAM ..	23 John Dalton Street, Manchester.
	1874 Feb. 3.)	FOULIS, WILLIAM .. .. .	{2 Montgomery Quadrant, Kelvin-
	1869 Feb. 2.)		{side, Glasgow.
	1875 Jan. 26.)	FOWLER, ALFRED MOUNTAIN ..	1 St. Peter's Square, Manchester.

Date of Election  
and of Transfer.

MEMBERS.

	1873 Feb. 4.	*FOWLER, ALPIN GRANT .. ..	1 Cambridge Rd., Norbiton.
	1883 Dec. 11.		
✦	{1871 Feb. 7.	FOWLER, GEORGE .. ..	Basford Hall, near Nottingham.
	1877 Dec. 18.	{FOWLER, Sir JOHN, <i>Bart.</i> , K.C.M.G., LL.D. ( <i>Past- President</i> ) .. ..	{2 Queen Square Place, S.W. (Oligist, London. 3033.)
	1844 Feb. 6.		
	1882 Dec. 5.	*FOWLER, PERCIVAL .. ..	{E. F. Turner, 101 Leadenhall St., E.C.
	1888 Nov. 27.		
	1869 Mar. 2.	FOX, ARTHUR DOUGLAS .. ..	1 Chesham Place, Brighton.
T t m ✦	1880 Nov. 2.	{FOX, Sir DOUGLAS .. ..	28 Victoria Street, S.W. (Traction- London. 3010.)
	1866 Feb. 6.	( <i>Vice-President</i> ) .. ..	
t ✦	1860 Apr. 3.	FOX, DANIEL MAKINSON .. ..	Broad Street House, E.C.
T ✦	1860 May 1.	FOX, FRANCIS .. ..	Chelborough, Combe Park, Bath.
T S t ✦	{1870 Dec. 6.	FOX, FRANCIS .. ..	{28 Victoria Street, S.W. (Traction, London. 3010.)
	{1874 Mar. 17.		
	1882 Mar. 7.	FOX, FREDERICK GEORGE BROOK	{2 Comeragh Road, West Kensington, W.
	1891 Mar. 21.		
	1878 May 7.	FOX, JOHN HINGSTON .. ..	{e.o. Loco. Supt., Rys., Auckland, New Zealand.
	1881 Apr. 5.	FOX, SAMSON .. ..	Leeds Forge, Leeds
✦	1877 Dec. 4.	FOX WILLIAM .. ..	5 Victoria Street, S.W.
	1877 Jan. 16.		
	1884 May 27.	*FOXLEE, WILLIAM THEODORE ..	Pembroke Lodge, Hampton Hill.
✦	{1880 Jan. 13.	FRANCIS, JOSEPH .. ..	New River Off., Clerkenwell, E.C.
	1883 Apr. 17.		
	1889 Dec. 3.	FRANKLIN, FREDERICK AUGUSTUS	Buona Vista, Wollongong, N.S.W.
	1873 Dec. 2.		{100 Castle Street, Inverness. (Fraser, Civil Engineer, Inverness.)
t ✦	1883 May 22.	FRASER, JAMES .. ..	
	1862 May 6.	FRASER, JAMES GRANT .. ..	1 Gt. Chapel St., Westminster, S.W.
	1875 Feb. 2.		
	1888 Nov. 20.	FRASER, PHILIP AFFLECK .. ..	Moniak, Beaulieu, N.B.
	1894 Jan. 9.	FRASER, SAMUEL GORDON .. ..	14 Westmoreland Street, Dublin.
✦	{1882 Dec. 5.	FRECHEVILLE, ROBERT JAMES	{33 Broad Street Avenue, E.C. (Fra- tribus, London. 2456.)
	1889 Jan. 15.		
	1887 Apr. 5.	{FREITAS, Dr. ANTONIO DE PAULA .. ..	Rua Marquez d'Abrantes 52, Rio de Janeiro.
✦	{1878 May 7.	*FRIEND, CHARLES ARTHUR .. ..	San Vicente 17, Seville, Spain.
	1892 Jan. 26.		
	1884 May 27.	FROUDE, ROBERT EDMUND, F.R.S.	{Admiralty Experiment Wks., Gosport. (Froude, Claremont, Alverstoke.)
✦	{1864 Feb. 2.	FULLER, GEORGE .. ..	71 Lexham Gds., Kensington, W.
	1878 Jan. 29.		
	1858 Dec. 7.	FULLER, GEORGE LEEDHAM .. ..	Hulham House, Exmouth.
	1864 Dec. 6.		
	1881 Dec. 6.	FULTON, JAMES EDWARD .. ..	W. & Manawatu Ry., Wellington, N.Z.
	1888 Nov. 20.		
	1862 Dec. 2.	{FURNIVALL, WILLOUGHBY CHARLES .. ..	{H. S. King & Co., 65 Cornhill, E.C.
m	{1875 May 4.	*FYSON, ALFRED .. ..	1 Victoria Street, S.W.
	1884 May 27.		
	1877 Feb. 6.	GABBETT, EDMOND RICH .. ..	Corbally Cottage, Old Charlton.
	1891 Dec. 8.		
	1872 May 7.	GAEI, CHARLES EDWARD, B.A.	Charlton Kings, Cheltenham.
	1878 May 14.		
	1886 May 18.	GAHAN, HENRY HERBERT .. ..	P.W.D., Vizagapatam, India.
	1892 Apr. 26.		
	1865 Mar. 7.	{GALBRAITH, WILLIAM ROBERT ( <i>Member of Council</i> ).	{20 Victoria Street, S.W. (3143.)
	1866 Feb. 6.	GALE, HENRY .. ..	45 Elvaston Place, Queen's Gate, S.W.
	1864 Feb. 2.	GALE, JAMES MORRIS .. ..	45 John Street, Glasgow.
	1886 Jan. 12.	GALIZIA, EMMANUEL LEWIS ..	64 Strada Vescovo, Valetta, Malta.

Date of Election and of Transfer.	MEMBERS.	
1886 Mar. 2.	GALLOWAY, CHARLES JOHN ..	{Knott Mill Ironworks, Manchester. (Galloway, Manchester.)
* 1886 Dec. 7.	GALWEY, WILLIAM, M.E. ..	Waterworks Co., Monte Video.
1891 Mar. 3.	GAMBLE, FRANCIS CLARKE ..	D.P.W., Victoria, British Columbia.
1867 Dec. 3.	GANDON, CHARLES .. ..	Crystal Palace District Gas Co., S.E.
1881 May 31.		
1883 Dec. 4.		
1888 Nov. 20.	GANGA RAM, <i>Rai Bahadur</i> ..	Ex. Eng., P. W. D., Lahore, India.
1876 Dec. 5.	GARBETT, HUBERT .. ..	{Rushen House, Castletown, Isle of Man.
1875 Feb. 2.	*GARDINER, JOSEPH JONES ..	East Glen, Bideford, Devon.
1896 Jan. 21.	GARFORTH, WILLIAM EDWARD	Halesfield, Normanton, Yorks.
1891 Mar. 3.		
1873 Dec. 2.		
1887 Oct. 25.	*GARLAND, WALTER FAITHFULL	Batu Gajah, Kinta, Perak, S.S.
1861 Jan. 8.	GARLICK, EDWARD .. ..	21 Winckley Square, Preston. (28.)
1869 May 11.	GARRETT, FRANK .. ..	{Leiston Works, Suffolk. (Garrett, Leiston.) [Mon.
1880 Dec. 21.		
1872 Jan. 9.	GARWOOD, ALFRED EDWARD ..	Hazlewood, Stow Park, Newport,
1878 Feb. 26.	GASKELL, JAMES STRANACK ..	Grindlay's, 55 Parliament St., S.W.
1883 Dec. 4.		
1892 Feb. 9.		
1868 Dec. 1.	GASKELL, THOMAS PENN ..	14 Victoria Street, S.W.
1885 Dec. 15.		
1875 Mar. 2.	{GASKIN, DONALD MACDONALD	{Water Eng., Municipal Offices, Nottingham.
1881 Nov. 29.	FORD .. ..	
1882 May 2.	GATHERER, ARTHUR BRANDER	Suptg. Eng., Myingyan, Burma.
1879 May 6.	GAUNTLETT, DEAN .. ..	Hyderabad, Deccan, India.
1885 Feb. 24.		
1864 May 3.	GAVEY, GEORGE EDWARD ..	7 Westbourne Villas, West Brighton.
1891 Dec. 1.	GEE, WILLIAM .. ..	67 Westbourne Park Road, W.
1873 Dec. 2.	GEOGHEGAN, HENRY THOMAS	{16 Faraday Mansions, Queen's Club Gardens, W.
1877 May 29.	GEORGE, EDWARD MONSON ..	The Nest, Tiverton, Devon.
1890 Mar. 25.		
1877 Jan. 16.	GERRARD, ARTHUR STAPLES ..	{Pernambuco; and Thatched House Club, St. James's, S.W.
1888 Nov. 27.		
1876 Mar. 7.	GHEWY, ALBERT BROWN ..	G. W. Ry., Eng.'s Office, Plymouth.
1879 May 27.	GIBBONS, THOMAS HUGHES ..	Bracondale, Binfield, Bracknell.
1882 Jan. 10.	GIBSON, ARTHUR SUMNER, M.A.	H. S. King & Co., 45 Pall Mall, S.W.
1888 Dec. 4.	GILBERT, CHARLES FREDERIC	{Frognaal Bank, Finchley Rd., N.W.
1892 Dec. 6.		
1884 May 6.	{GILCHRIST, PERCY CARLYLE, F.R.S. .. ..	
1874 Dec. 1.	GILCHRIST, WILLIAM GILCHRIST	Grindlay, Groom & Co., Bombay.
1887 Feb. 15.		
1887 Mar. 1.	GILES, ALFRED BRYDGES ..	27 Ely Place, Holborn, W.C.
1881 Feb. 1.	GILES, GEORGE FREDERICK LEE	Harbour Works, Belfast.
1888 May 8.		
1886 Apr. 6.	GILKES, GILBERT .. ..	Lynnside, Kendal.
1892 Dec. 6.		
1874 Jan. 13.	GILL, WILLIAM .. ..	{Orconera Iron Ore Co., Apartado 42, Bilbao, Spain.
1881 Mar. 15.		
* 1884 Jan. 8.	GILLOTT, THOMAS .. ..	{Butterley Ironworks, Derby. (Butterley, Alfreton.)
1876 Dec. 5.	GLASS, JAMES GEORGE HENRY,	P.W.D., Calcutta.
1881 Dec. 6.	C.I.E. .. ..	
1896 Mar. 3.	GLEIM, CHARLES OTTO .. ..	Schillerstrasse 3, Hamburg-Uhlen- horst, Germany.
1885 Apr. 14.	GLOVER, EDWARD, M.A., B.E.	{19 Prince Patrick Ter., North Cir- cular Rd., Dublin.
1891 Apr. 28.		
1879 May 6.	*GODFREY, WILLIAM BERNARD	23 St. Swithin's Lane, E.C.
1895 Mar. 12.	GOLDSMITH, ALFRED JOSEPH ..	{Lillington, Moray St., New Farm, Brisbane, Queensland.
1879 May 27.		
1883 May 8.		

Date of Election and of Transfer.		MEMBERS.	
	1873 Feb. 4.	GOLDSON, CHARLES BROWNE,	9 Bath Terrace, Tynemouth.
	1877 Dec. 11.	M.A. . . . .	
	1895 Feb. 5.	GOLDWYER, JOHN EDWARD ..	Witford House, Briton Ferry, N.
	1869 Dec. 7.	GOLLA, LUCIEN ALEXANDER ..	Via Amedeo 45, Naples. [Wales.
	1879 Feb. 25.		
	1854 May 2.	GOOCH, JOHN VIRET .. ..	Coopers Hill, Bracknell, Berks.
	1874 May 12.	GOOCH, WILLIAM FREDERICK	Constitutional Club, W.C.
	1879 Feb. 4.		
	1889 Apr. 30.	GOOD, CHARLES .. ..	Harbour Trust, Wollongong, N.S.W.
✦	1886 Feb. 2.	GOOD WILLIAM .. ..	Muttra, N.W.P., India.
	1883 Mar. 6.	GOODALL, JOHN .. ..	Union Bk., Coolgardie, W. Australia.
	1880 Jan. 13.	GOODWIN, GEORGE ABRAHAM,	
	1893 Dec. 19.	Wh. Sec. . . . .	28 Victoria Street, S.W. [Liverpool.)
	1892 Dec. 6.	GOODWIN, GILBERT SMITH ..	19 James St., Liverpool. (Wingood,
	1878 Feb. 5.		
	1891 Jan. 27.	*GOODWIN, SINGLETON, B.E. ..	{ Co. Surveyor, Tralee, co. Kerry.
	1884 Feb. 5.	GORDON, ALBERT, B.E. .. ..	Gt. So. & Wn. Ry., Cork. [toria.
T t ✦	1867 Dec. 3.	GORDON, GEORGE .. ..	Ellerslie, Toorak, Melbourne, Vic.
T t ✦	1874 Dec. 1.	GORDON, ROBERT .. ..	11. S. King & Co., 45 Pall Mall, S.W.
	1863 Apr. 14.		
	1867 Apr. 30.	GOTT, CHARLES .. ..	Bradford, Yorkshire.
	1863 Jan. 13.		
	1870 Dec. 13.	GOTTO, EDWARD .. ..	The Logs, Hampstead Heath, N.W.
	1884 Apr. 1.	GOTTO, FRANK .. ..	{ 119 Gresham House, Old Broad
	1890 Nov. 11.		Street, E.C.
✦	{ 1866 May 15.	GOWER, CHARLES FOOTE ..	Nova Scotia House, Ipswich.
	1877 Dec. 11.		
	1873 Apr. 1.	*GRAHAM, CHARLES BENJAMIN	31 Onslow Gardens, S.W.
	1882 Jan. 3.		
	1889 Dec. 3.	{ GRAHAM, GEORGE .. ..	{ Caledonian Ry., Buchanan Street,
		(Member of Council.)	Glasgow.
	1874 Mar. 3.	*GRAHAM, MALCOLM .. ..	{ Central Argentine Ry., Rosario,
	1879 Nov. 25.		Argentina.
	1857 Feb. 3.	GRAHAM, ROBERT WILFRID ..	24 Brunswick Square, Brighton.
	1896 May 19.	GRAHAM, WILLIAM VAUX ..	5 Queen Anne's Gate, S.W.
	1875 Dec. 7.		
	1884 Mar. 25.	*GRANT-DALTON, ALAN ..	Govt. Rys., East London, C.C.
	1881 Feb. 1.		
	1890 May 20.	*GRANT-DALTON, MALCOLM ..	{ Transandino Ry., Mendoza, Argen-
			tina.
	1874 Jan. 13.	GRANTHAM, RICHARD FUGE ..	{ Northumberland Chambers, North-
	1886 Apr. 6.		umberland Avenue, W.C.
	1878 Dec. 3.	GRAY, GEORGE EDWARD ..	1115 Bush St., San Francisco, U.S.
			{ D.P.W., Confederation Life Build-
	1891 Mar. 3.	GRAY, HENRY ALFRED .. ..	ing, Toronto, Canada.
	1872 May 7.	GRAY, JOHN WILLIAM .. ..	Water Dept., Birmingham.
	1890 Mar. 4.	GRAY, ROBERT KAYE .. ..	106 Cannon Street, E.C.
	1888 Feb. 7.	GRAY, THOMAS .. ..	Underhill, Port Talbot, S. Wales.
T t ✦	1881 Apr. 5.	{ GREATHEAD, JAMES HENRY	15 Victoria Street, S.W.
		(Member of Council.)	
	1891 Dec. 1.	GREEN, JAMES GEORGE .. ..	Honda, U.S. Colombia.
	1876 Mar. 7.	GREENBANK, HENRY .. ..	38 Mount Park Rd., Ealing, W.
	1886 Dec. 7.	GREENE, WILLIAM HENRY ..	Australian Club, Melbourne, Victoria.
	1870 Feb. 1.	{ GREENWELL, GEORGE CLEMENT-	Duffield, Derby.
		SON .. ..	
	1887 Mar. 1.	{ GREENWELL, GEORGE CLEMENT-	Poynton, Cheshire.
		SON, JUN. .. ..	
	1881 Dec. 6.	GREENWOOD, ARTHUR .. ..	Albion Works, Leeds. (Greenwood,
			Leeds.)
	1889 Dec. 3.	GREENWOOD, GEORGE .. ..	16 Great George Street, S.W.
W t ✦	{ 1881 May 31.	GREENWOOD, WILLIAM HENRY,	Adderley Park Works, Birmingham.
	1886 Dec. 7.	Wh. Sec. . . . .	(Ammunition, Birmingham. 341.)
T ✦	{ 1838 Feb. 13.	GREGORY, Sir CHAS. HUTTON,	2 Delahay Street, Westminster, S.W.
	1845 Feb. 18.	K.C.M.G. (Past-President.)	(Gregory, London.)

Date of Election and of Transfer.		MEMBERS.	
1882 Dec. 5.	}	GREGORY, GEORGE .. .. .	G.I.P. Ry., Akola, Berar, India.
1896 Jan. 21.			
1885 Dec. 1.		GRESHAM, JAMES .. .. .	{ Craven Ironworks, Manchester. (Brake, Manchester. 613.)
1893 Jan. 10.	}	GRIERSON, THOMAS BENJAMIN	Dublin, Wicklow & Wexford Ry.,
1895 Feb. 12.			1 Westland Row, Dublin.
1896 Apr. 14.		GRIFFIN, EUGENE .. .. .	Albany, New York, U.S.
1875 Dec. 7.		GRIFFITH, FREDERICK .. .. .	Waterworks Office, Leicester.
1886 Nov. 2.			
m + (1877 Dec. 4.)	{	GRIFFITH, JOHN PURSER ..	Port and Docks Office, Dublin.
1883 May 29.			
1888 Dec. 4.		GRIMSHAW, JAMES WALTER ..	Australian Club, Sydney, N.S.W.
1893 Feb. 28.			
1892 Dec. 6.			
1883 Mar. 6.		GRINLING, ARTHUR JAMES ..	32 Friar Gate, Derby.
1875 Mar. 2.		GROTHE, ALBERT .. .. .	Payette, Idaho, U.S.
1883 Jan. 9.		GROVES, HERBERT .. .. .	{ East India United Service Club, 16 St. James's Square, S.W.
+ 1884 Apr. 1.	{	{ GRÜNEWALD, JORGE RADE- MAKER .. .. .	Rua de Leste, Rio de Janeiro.
+ 1883 Dec. 4.		GUPPY, THOMAS RICHARD ..	Naples.
1856 Feb. 5.		GWYNNE, JAMES EGLINTON AN- DERSON .. .. .	{ Brook Street Works, Holborn, E.C. (Gwynnegram, London.)
1870 Apr. 26.			
1870 Mar. 1.		GWYNNE, JOHN .. .. .	89 Cannon St., E.C. (Gwynne, Lond.)
1881 Feb. 1.		{ GZOWSKI, Col. Sir CASIMIR STA- NISLAUS, K.C.M.G., A.D.C. }	The Hall, Toronto, Canada.
1881 Dec. 6.		HACK, HENRY .. .. .	Gasworks, Saltley, Birmingham.
1884 Feb. 5.		HACK, RICHARD .. .. .	Chelsea Waterworks, Surbiton.
1896 Feb. 4.			
1893 Dec. 5.		{ HACKETT, EDWARD AUGUSTUS, M.E. .... .	Melbrook, Clonmel, co. Tipperary.
1879 Feb. 4.		*HADDON, HENRY EDMUNDS,	{ R. M. Ry., Bandikui, Rajputana, India.
1893 Feb. 21.		B.A.	
T t + (1887 Mar. 1.)	{	HADFIELD, ROBERT ABBOTT ..	Hecla Steel Foundry, Sheffield.
1896 Jan. 21.			
1881 May 3.		HAIRE, ROBERT .. .. .	Board of Works, Dublin.
1879 Feb. 4.		HALES, WILLIAM PRIOR .. ..	Ry., Strahan, Tasmania.
1891 Dec. 15.			
1885 Dec. 1.		HALL, JOHN FRANCIS .. .. .	Norbury, Pitsmoor, Sheffield.
+ (1858 Dec. 7.)	{	HALL, WILLIAM .. .. .	{ Eton Villas, South Hampstead, N.W.
1881 Feb. 22.			
1880 Dec. 7.		HALLETT, HOLT SAMUEL ..	
1886 Dec. 7.		HALLETT, JOHN HARRY .. ..	Bute Docks, Cardiff.
1890 Feb. 4.			
1871 May 2.		HALPIN, DRUITT .. .. .	{ 17 Victoria Street, S.W. (Halpin, London. 3075.)
1880 Feb. 27.			
1888 Mar. 6.		HAMILTON, ARCHIBALD .. ..	New Dock Works, Govan, N.B.
1879 Dec. 2.		HAMILTON, TALBOT .. .. .	{ Tramways Trust, 497 Collins St., Melbourne, Victoria.
+ (1877 Jan. 16.)	{	HAMILTON - SMYTHE, ARTHUR JAMES, B.A. .. .. .	34 Greycourt Gardens, S.W.
1880 Dec. 14.			
1875 Mar. 2.		HAMMOND, WALTER JOHN ..	36 Lime Street, E.C.
1884 Jan. 2.			
1885 Dec. 1.		HANN, EDMUND MILLS .. ..	Aberaman, Aberdare. [Canada.
1887 Dec. 6.		HANNAFORD, EDMUND PHILLIPS	2573 St. Catherine St., Montreal,
1877 May 29.		HANSON, CHARLES RASTRICK ..	Ry., Batu Gajah, Perak, S.S.
1883 Feb. 3.			
1883 May 1.		*HANSON, EDWARD BEVERSHAM	{ Bedford House, Bedford Street, Plymouth.
1894 Mar. 6.			
1887 May 24.		HARDING, JOHN REGINALD ..	I. M. Customs, Shanghai, China.
1891 Jan. 13.			
t m + (1872 Mar. 5.)	{	*HARDING, JOSIAH .. .. .	Richardson & Co., Pisagua, Chili.
1877 Apr. 17.			
1863 Apr. 14.		HARGRAVE, CHARLES TOWNS	{ Inspector General of Roads, Adelaide, South Australia.
1879 Feb. 4.		HEND .. .. .	
1885 Dec. 1.		{ HARGRAVE, HENRY JAMES BENNET, M.A. .. .. .	{ B. B. & C. I. Ry., Fort Bombay, India.

Date of Election  
and of Transfer.

## MEMBERS.

	1884 Dec. 2.}	*HARGRAVE, HENRY WILLIAM	{ Kent Terrace, Norwood, South Australia.
	1896 Jan. 28.}		
	1890 Dec. 2. }	*HARINGTON, HERBERT SEPTIMIUS	{ P.W.D., Rawal Pindi, India.
	1881 May 31. }		
	1888 Nov. 27. }	HARPUR, WILLIAM .. ..	{ 197 Severn Road, Cardiff.
	1881 Apr. 5. }	HARRINGTON, TIMOTHY .. ..	{ 73 Highbury New Park, N.
	1874 Dec. 1. }		
	1882 Feb. 28. }	HARRIS, EDMUND LEGH .. ..	{ Odessa, Russia.
	1848 Mar. 7. }		
	1858 Jan. 26. }	HARRIS, GEORGE WILLIAM .. ..	{ Millicent, South Australia.
	1877 Dec. 4. }		
	1886 Nov. 16. }	HARRIS, HENRY GRAHAM .. ..	{ 5 Great George St., S.W. (Well- bram, London. 3060.)
	1874 Apr. 14. }		
	1879 May 27. }	HARRIS, RICHARD READER, Q.C.	{ 51 Clapham Common North, S.W.
✠	1891 Mar. 3. }	HARRIS, ROBERT LEWIS .. ..	{ 1 Broadway, New York, U.S.
✠	1877 Apr. 10. }	HARRISON, CHARLES AUGUSTUS	{ N.E. Ry., Newcastle-on-Tyne.
	1892 Dec. 6. }		
	1896 May 5. }	HARRISON, JOHN ERNEST .. ..	{ 160 Hope Street, Glasgow.
	1857 Apr. 7. }		
	1864 Apr. 12. }	HARRISON, JOSEPH .. ..	{ Llanwy, Hampton Pk., Hereford.
	1870 May 3. }	HART, JOHN HENRY EUSTACE	{ H. S. King & Co., 65 Cornhill, E.C.
	1881 May 31. }	HART, JOHN WILLIAM .. ..	{ 39 Victoria Street, S.W.
T t L	✠ { 1856 Dec. 2. }	{ HARTLEY, Sir CHARLES, }	
W S m	✠ { 1862 Apr. 1. }	{ K.C.M.G., F.R.S.E. }	{ 26 Pall Mall, S.W.
	1874 Dec. 1. }		
	1882 Apr. 18. }	HARVEY, WILLIAM .. ..	{ Ajmere, Rajputana, India.
	1891 Apr. 7. }	HASKINS, WILLIAM .. ..	{ City Eng., Hamilton, Ont., Canada.
	1866 Mar. 6. }	HASSARD, RICHARD .. ..	{ 1 Victoria Street, S.W.
✠	1885 May 5. }	HASWELL, CHARLES HAYNES .. ..	{ 42 Broadway, New York, U.S.
	1879 May 6. }		
✠	1889 Nov. 15. }	HAWGOOD, HARRY .. ..	{ Bradbury Bldg., Los Angeles, Cal., U.S.
	1892 Apr. 5. }	HAWKS, JAMES DUDLEY .. ..	{ Mackinac Ry., Detroit, Mich., U.S.
W m	✠ { 1867 Feb. 5. }	{ HAWKSHAW, JOHN CLARKE. }	
	1874 Mar. 10. }	{ M.A. (Member of Council.) }	{ 33 Great George Street, S.W.
	1867 May 21. }	{ HAWKSLEY, CHARLES (Mem- ber of Council.) .. .. }	{ 30 Great George Street, S.W.
	1892 May 3. }		
	1895 Jan. 8. }	HAY, DAVID .. ..	{ Blackwall Tunnel, East Greenwich, S.E.
	1896 Feb. 4. }	HAY, GEORGE .. ..	{ Cae Court, Bridgend, Glamorgan.
	1891 Dec. 1. }	HAY, PETER SETON, M.A. .. ..	{ P.W.D., Wellington, N.Z.
✠	1881 Mar. 1. }		
	1885 Feb. 24. }	HAY, ROBERT .. ..	{ Dunedin, N.Z.
	1883 Apr. 3. }		
	1892 Nov. 8. }	HAYES, EDWARD .. ..	{ Stony Stratford.
T t	✠ { 1862 May 6. }	{ HAYTER, HARRISON .. .. }	
		{ (Past-President.) }	{ 33 Great George Street, S.W.
W t	✠ { 1875 Mar. 2. }	HEAD, JEREMIAH .. ..	{ 47 Victoria Street, S.W. (Prin- cipium, London. 3237.)
	1884 Dec. 2. }	{ HEARSON, THOMAS ALFRED, }	
		{ R.N., Wh. Sc. .. .. }	{ Royal Indian Eng. Coll., Staines.
	1890 Feb. 4. }	HENBERT, FREDERICK BENBOW	{ Under Secy. to Govt., Simla, India.
m	✠ { 1864 Jan. 12. }		
	1868 Dec. 18. }	HEDERSTEDT, HENRY BURDETT	{ Twyford Lodge, Southlands Rd., Bickley.
t m	✠ { 1876 Mar. 7. }		
	1884 Dec. 23. }	*HEDGES, KILLINGWORTH .. ..	{ 92 Victoria St., S.W. (Soojee, London.
	1879 Dec. 2. }	HEENAN, GEORGE FREDERIC	{ Supt. Eng., Hyderabad, Deccan,
	1886 Feb. 16. }	HAMMERSLEY .. ..	{ India.
C	✠ { 1872 Feb. 6. }	HEENAN, HAMMERSLEY .. ..	{ 4 Chapel Walks, Manchester.
	1876 Mar. 21. }		
	1884 Feb. 5. }	HEENAN, ROBERT HENRY	{ Eng.'s Off., Port Elizabeth, C.C.
		HAMMERSLEY .. ..	
W t M	✠ { 1880 Dec. 7. }	*HELE-SHAW, Professor HENRY	{ University College, Liverpool.
	1887 Apr. 5. }	SELDY, Wh. Sc. .. ..	
	1878 Apr. 2. }	*HEMANS, ARTHUR WILLOUGHBY	{ 7 Kingsley Mansions, West Ken- sington, W.

Date of Election and of Transfer.		MEMBERS.	
m *	{1866 Mar. 6. 1874 Nov. 24.}	HENDERSON, DAVID MARR ..	{Eng.-in-Chief, Imperial Maritime Customs, Shanghai, China.
T *	{1855 Feb. 6. 1877 Nov. 27.}	HENDERSON, JAMES .. ..	Newham, Truro, Cornwall.
	1880 Dec. 7.}	HENDERSON, JOHN BAILLIE ..	Brisbane, Queensland.
	1884 Nov. 4.}		
	1869 Jan. 12.}	HENNELL, THOMAS .. ..	6 Delahay St., Westminster, S.W.
	1882 Mar. 21.}		
	1874 Feb. 3.}	HENSLOWE, CECIL WILLIAM}	Pinewood, Grayshott, Liphook,
	1882 Nov. 7.}	EDWARD .. ..	Hants.
	1869 Dec. 7.}		
	1879 Feb. 4.}	HENSLOWE, FRANCIS BOYLE ..	Syndal, Dartmouth.
	1844 June 25.}		
	1857 Jan. 20.}	HENSMAN, HENRY .. ..	22 Blomfield Street, W.
	1877 Mar. 6.}		
	1889 Nov. 26.}	HEPWORTH, JOSEPH .. ..	Buccleuch St. Works, Edinburgh.
	1883 May 29.}		
	1886 Nov. 16.}	HERING, RUDOLPH .. ..	277 Pearl St., New York City, U.S.
	1875 May 4.}		
	1893 Jan. 10.}	HERRING, JOHN WILLIAM ..	{River Wear Commission, Sunder- land.
	1890 Dec. 2.}	HERSCHEL, CLEMENS .. ..	2 Wall St., New York, U.S.
	1880 May 4.}		
	1891 May 5.}	*HERVEY, MATTHEW WILSON	{West Middlesex Waterworks, Ham- mersmith, W.
	1880 May 4.}		
	1893 Nov. 14.}	*HESKETH, EVERARD .. ..	Dartford Ironworks, Kent.
	1886 Dec. 7.}		
	1876 Dec. 5.}	HETHERINGTON, JOHN MUIR ..	{Vulcan Works, Manchester. (Heth, Manchester. 230).
	1881 Jan. 11.}		
	1883 May 1.}	HEWSON, THOMAS .. ..	City Engineer, Leeds.
	1892 Nov. 8.}		
	1874 Feb. 3.}	HIEYLAND, HERBERT KYFFIN	{15 Waldegrave Park, Strawberry Hill, S.W.
	1876 Feb. 8.}	HICKSON, ROBERT ROWAN PUR- DON .. ..	{Engineer-in-Chief for Public Works, Sydney, N.S.W.
	1890 Apr. 1.}		
	1888 Dec. 4.}	HIGGINS, ANDREW FRANK ..	P. W. D., Yeothmal, Berar, India.
*	{1895 Jan. 22.}	HIGGINS, GEORGE .. ..	{H. B. Higgins, 1 Selbourne Cham- bers, Melbourne, Victoria.
t *	{1867 Feb. 5. 1871 Dec. 5.}	HIGGINSON, HARRY PASLEY ..	Wellington, N.Z.
	1882 May 23.}		
	1878 Dec. 3.}	HIGHAM, THOMAS, C.I.E. ..	Irrigation Dept., Lahore, India.
	1878 Dec. 3.}	HIGSON, JACOB .. ..	{18 Booth St., Manchester.
	1878 Dec. 3.}	HIGSON, JOHN .. ..	{(Mining, Manchester. 1034.)
*	{1887 Feb. 1. 1891 Nov. 3.}	HILL, ARTHUR EDMUND BRE- TON, B.A.Sc. .. ..	{New Westminster, British Colum- bia.
*	{1891 Dec. 1. 1894 Jan. 16.}		
	1872 Feb. 6.}	HILL, ERNEST PRESCOT ..	3 Victoria Street, S.W.
T t *	{1887 Dec. 6. 1896 Feb. 4.}	HILL, GEORGE HENRY .. ..	Ernocroft, Compstall, Stockport.
	1875 Dec. 7.}	HILL, HENRY ASHTON .. ..	{South Staffs Waterworks, Birming- ham.
	1890 Apr. 22.}		
	1877 Dec. 4.}	HILL, HENRY ELLIS .. ..	9 Victoria Street, S.W.
	1882 Apr. 4.}	HILL, JAMES NINIAN .. ..	{W. 29 Argyle Rd., Castle Hill, Ealing,
	1871 Mar. 10.}	HILLMAN, CHARLES LA FLETCHER .. ..	Alameda 18, Santiago, Chili.
	1883 Nov. 13.}		
	1889 Jan. 8.}	HILTON, JOHN EDWARD ..	{Delhi & London Bank, 123 Bishops- gate St. Within, E.C.
	1896 Jan. 21.}		
	1879 Feb. 4.}	*HINNELL, HENRY LEONARD ..	41 Corporation St., Manchester.
	1895 Feb. 26.}		
	1883 May 1.}	HOARE, EDWARD ARTHUR ..	Lake St. John Ry., Quebec, Canada.
	1885 Dec. 15.}		
	1886 May 4.}	HOBSON, GEORGE ANDREW ..	28 Victoria Street, S.W.
	1881 Dec. 6.}	HOBSON, JOSEPH .. ..	Grand Trunk Ry., Montreal, Canada.
	1891 Nov. 5.}	*HODGES, ROBERT NATHANIEL	{East Hopetown, Dehra Doon, N.W.P., India.



Date of Election  
and of Transfer.

## MEMBERS.

	1885 Feb. 3.)	HODGSON, HARRISON .. ..	Paisley and Falcon, Workington.
	1893 Nov. 7.)		
	1878 Feb. 5.)	*HODGSON, WILLIAM .. ..	{Eng.'s Office, Midland Ry., Eoreham
	1886 Mar. 23.)		{ Wood, Elstree.
	1879 Feb. 4.)	*HODSON, CHARLES WILLIAM ..	Grindlay, Groom & Co., Bombay.
	1891 Nov. 5.)		
	1870 Mar. 1.)	HODSON, GEORGE .. ..	{Abbey Buildings, Princes St., West-
	1886 Apr. 13.)		{minster, S.W. (Output, London.)
	1881 Dec. 6.)	HOGAN, JOHN POICTEVIN LEMON	Grindlay, Groom & Co., Bombay.
	1891 Feb. 17.)		
	1877 Dec. 4.	HOGARTH, DAVID FRANCIS ..	Rivershill, Cheltenham.
	1886 Apr. 6.	HOGG, ALEXANDER LAUDER ..	{Lake Erie & Pacific Ry., Tilsonburg,
			{ Ont., Canada.
	1878 Feb. 5.	HOGG, CHARLES PULLAR ..	{175 Hope Street, Glasgow. (Croueh,
			{ (Glasgow.)
	1882 Feb. 7.)		
	1887 May 24.)	HOLDEN, JAMES .. ..	{G. E. Ry., Stratford, E. (Eastden,
			{ London.)
	1884 May 27.	HOLLAND, CALVERT BERNARD	Hazel Villa, Thicket Rd., Anerley, S.E.
	1861 Apr. 9.)	HOLLINGSWORTH, CHAS. ERNEST	2 Delahay Street, Westminster, S.W.
	1879 Jan. 7.)		
	1880 Feb. 3.)	*HOLME, CHARLES HENRY .. ..	P.W.D., Gorakpur, India.
	1896 Feb. 25.)		
	1880 Mar. 2.)	HOLMES, ARTHUR BROMLEY ..	36 Princes Avenue, Liverpool.
	1888 Mar. 6.)		
W t ✚	1875 Feb. 2.	HOLT, ALFRED .. ..	{1 India Bldgs., Liverpool. (Alfred
			{ Holt, Liverpool.)
t ✚	(1875 Apr. 6.)	HOLTHAM, EDMUND GREGORY	13 Victoria Street, S.W.
	(1879 Jan. 7.)		
	1895 Jan. 8.	HOMFRAY, SAMUEL GEORGE ..	8 Great George Street S.W.
	1864 May 24.)		
	1876 Apr. 25.)	HOOD, WELLS .. ..	{Recife & São Francisco Ry., Per-
			{ nambuco.
t ✚	(1882 Dec. 5.)	HOPKINSON, CHARLES, B.Sc. ..	29 Princess Street, Manchester.
	(1888 Jan. 24.)		
T t S ✚	(1885 Jan. 13.)	HOPKINSON, EDWARD, M.A.,	{Salford Ironworks, Manchester.
	(1890 Nov. 11.)	D.Sc. .. ..	
	1885 Apr. 14.	HOPKINSON, JOHN .. ..	St. Margaret's Rd., Bowdon, Cheshire.
		HOPKINSON, JOHN, JR.,	
T t L F ✚	(1877 Dec. 4.)	M.A., D.Sc., Wh. Sc., F.R.S.	{5 Victoria Street, S.W. (3092.)
	(1882 Apr. 18.)	(Member of Council.)	
	1880 Jan. 13.)		
	1890 Feb. 25.)	HORAN, JOHN, M.E. .. ..	50 George Street, Limerick.
	1870 Feb. 1.)		
	1886 Feb. 9.)	HORN, THOMAS .. ..	Gray St., Blackfriars, S.E.
	1878 May 28.	HORN, THOMAS WILLIAM ..	Hazeldene, New Barnet.
	1878 May 28.)		
	1883 Jan. 30.)	HORSLEY, CHARLES .. ..	22 Wharf Rd., City Rd., N.
	1879 May 27.)		
	1885 Nov. 24.)	HORSLEY, STEPHEN .. ..	St. Peter's House, Canterbury.
	1890 May 20.	HÖRST, WALTER PHILIP VON DER	Grindlay's, 55 Parliament St., S.W.
	1886 Apr. 6.)		
	1894 Apr. 17.)	HOUSON, DAVID .. ..	{P. W. D., Trial Bay, Macleay River,
			{ N.S.W.
	1881 Mar. 1.)	*HOW, WILLIAM FIELD, Wh. Sc.	{Mutual Life Buildings, George St.,
	1893 Nov. 14.)		
	1868 Apr. 7.)		{Sydney, N.S.W.
	1878 Jan. 29.)	HOWARD, WILLIAM STUART ..	{Union Bank of London, Chancery
			{ Lane, W.C.
	1892 Apr. 5.	HOWDEN, JAMES .. ..	{8 Scotland Street, Glasgow. (How-
			{ den, Glasgow.)
✚	(1867 Feb. 5.)	HOWKINS, JOHN .. ..	{Queensberry Lodge, Granton Road,
	(1872 Dec. 3.)		
	1880 May 25.)	HOWNAM-MEEK, SYDNEY HOW-	{20 Langford Road, Heaton Chapel,
	1888 May 8.)	NAM .. ..	{ Stockport.
	1888 May 1.	HOWSON, RICHARD .. ..	2 Exchange Place, Middlesbrough.
	1880 May 4.)		
	1888 Jan. 17.)	HUDSON, FRANK .. ..	{Central Uruguay Railway, Monte
			{ Video.
	1879 Dec. 2.	HUDSON, HENRY WALTER ..	Trichur, Malabar Coast, India.

Date of Election and of Transfer.		MEMBERS.	
	1879 Feb. 4.}	HUDSON, JOHN GEORGE .. ..	Glenholme, Bromley Cross, Bolton.
	1887 Jan. 25.}		
	1881 Dec. 6.}	HUGHES, ARTHUR JOHN, C.I.E.	Municipal Offices, Calcutta.
	1881 May 31.}	HUGHES, JOHN SYLVESTER ..	Festiniog Ry., Portmadoc.
	1885 Jan. 13.}	HUGHES, WALTER CHARLETON	Secy. to Govt., P.W.D., Bombay.
	1879 Feb. 4.}		
	1888 Oct. 30.}	HUGHES, WILLIAM, M.E. ..	Trichinopoly, S. India.
W t +	1867 May 21.}	HULSE, WILLIAM WILSON ..	Ordsal Tool Works, Salford.
	1881 May 31.}		
	1891 Dec. 8.}	HUNBY, HENRY GEORGE ..	Verulam, Natal.
	1895 May 21.}	HUMFRESS, GEORGE .. ..	H. S. King & Co., 65 Cornhill, E.C.
	1895 Mar. 5.}	HUMPHREYS, ALEXANDER ..	66 Broadway, New York, U.S.
		CRONBIE	(Humglas, New York.)
	1888 Apr. 10.}	HUMPHREYS, ROBERT HARRY ..	Deptford Pier, S.E. [U.S.]
+ +	1891 Mar. 3.}	HUNT, ALFRED EPHRAIM ..	701 Ferguson Block, Pittsburg, Pa.
t +	1881 Mar. 1.}	HUNT, CHARLES .. ..	Gaswks., Windsor St., Birmingham.
	1868 Mar. 3.}		
	1876 Jan. 25.}	HUNT, WILLIAM .. ..	L. & Y. Ry., Manchester.
m +	1881 Dec. 6.}	*HUNTER, JAMES BERNARD ..	202 Bow Road, E. (Venator, London.
	1889 Jan. 15.}		5402.)
	1865 May 2.}	HUNTER, WALTER .. ..	48 Bow Road, E. (Venator, London.
	1878 May 14.}		5402.) [chester.
	1891 May 5.}	HUNTER, WILLIAM HENRY ..	Ship Canal, Eng.'s Office, Man-
T +	1846 Apr. 7.}	HUNTINGTON, JOHN BARKER ..	Mrs. Corrie, 148 Kilburn Lane, Har-
	1866 Mar. 27.}		row Road, W.
m +	1879 May 27.}	*HURTZIG, ARTHUR CAMERON ..	2 Queen Square Place, S.W. (3033.)
	1886 Mar. 16.}		
	1867 Feb. 5.}	HUTCHINS, GEORGE ALBERT ..	Clive House, Welshpool, North
	1873 Dec. 23.}		Wals.
	1881 Mar. 1.}	HUTCHINSON, JOHN HOUSEMAN	Nikosia, Cyprus.
	1886 Jan. 12.}		
	1891 Nov. 9.}	HUTCHINSON, WILLIAM .. ..	Ry. Construction Dept., Sydney,
			N.S.W.
	1862 Mar. 4.}	HUTTON, DARNTON, M.A. ..	14 Cumberld. Ter., Regent's Pk., N.W.
	1890 Dec. 2.}	HUTTON, WILLIAM RICH.. ..	35 Broadway, Room 112, New York,
			U.S.
	1875 May 11.}	HUXHAM, HORTENSIVS .. ..	Bryn Road, Swansea.
	1883 Dec. 4.}	HYSLOP, PETER SHARP .. ..	5 Clarence Rd., Walmer, Deal.
W t +	1871 Mar. 7.}	IMRAY, JOHN, M.A. ... ..	28 Southampton Bds., Chancery Lane,
	1876 Dec. 5.}		W.C. (Patentable, London. 2729.)
m	1884 Mar. 18.}	*INGLIS, JAMES CHARLES .. ..	G. W. Ry., Paddington, W.
	1871 Jan. 10.}	INGLIS, JOHN WILLIAM.	
	1877 Nov. 27.}	F.R.S.E. .. ..	Kenwood, Liberton, Midlothian.
	1885 Apr. 14.}	IRVINE, ARCHIBALD HENRY ..	The Elms, Cross Town, Knutsford.
	1875 Feb. 2.}		
	1879 Apr. 29.}	IRWIN, HENRY, C.I.E. .. ..	P.W.D., Pachmarhi, India.
	1891 Dec. 1.}	IVATT, HENRY ALFRED .. ..	G. N. Ry., Doncaster.
	1876 May 2.}		
	1881 Apr. 5.}	IZAT, ALEXANDER .. ..	King, King, and Co., Bombay.
	1888 Apr. 10.}		
	1891 Jan. 20.}	JACKSON, CHARLES LOXTON ..	Hillfold, Bolton.
	1874 Apr. 14.}		
	1879 Dec. 23.}	JACKSON, EDWARD .. ..	84 Leadenhall Street, E.C.
	1874 Feb. 3.}		
	1879 Nov. 4.}	JACKSON, JOHN .. ..	Stubben Edge, Chesterfield.
	1882 Apr. 4.}	JACKSON, SAMUEL, C.I.E. ..	23 Calverley Park, Tunbridge Wells.
	1883 Dec. 4.}	JACKSON, WILLIAM FRANCIS ..	Sterndale House, Litton, Stockport.
	1881 Mar. 1.}	JACOB, AUGUSTUS HAMILTON,	
		M.A. ... ..	Dr. Jacob, 23 Ely Place, Dublin.
	1891 Dec. 1.}	JACOB, LIONEL MONTAGUE ..	H. S. King & Co., 65, Cornhill, E.C.
	1885 Dec. 1.}	JACOBS, CHARLES MATTATHIAS	192 Broadway, New York, U.S.

Date of Election  
and of Transfer.

## MEMBERS.

	1884 Dec. 2.)	*JACOMB-HOOD, JOHN WYKEHAM	{L. & S. W. Ry., Clapham Junction, S.W.
T ✱	1891 Jan. 27.)	JACOMB-HOOD, ROBERT .. ..	{25 Bramham Gds., Earl's Court, S.W. 3 Victoria Street, S.W. (Kahort, London.)
	1890 Apr. 1.	JAFFREY, WILLIAM .. ..	{8 Southview, Valley Rd., Streatham, S.W.
✱	1879 May 6.)	JAMES, HENRY ALEXANDER .. ..	{Dr. P. M. Wood, Ashfield, N.S.W. 32 Victoria Street, S.W.
	1887 Nov. 22.)	JAMES, JOHN WILLIAM .. ..	{E. Bengal Ry., Kanchrapara, India. Glasgow and West of Scotland
t ✱	1882 Feb. 7.)	JAMES, JOHN WILLIAM HENRY	{Glasgow and West of Scotland
	1894 Dec. 4.)	JAMESON, ARTHUR SAMFSON	{Technical College, Glasgow.
	{1878 Jan. 15.)	JAMIESON, <i>Professor</i> ANDREW	{J Broadway, New York, U.S.
	{1887 Feb. 8.)	F.R.S.E. .. ..	{G. V. Hellicar, Solicitor, Brisbane, Queensland.
	1888 Dec. 4.)	JAQUES, WILLIAM HENRY .. ..	{Fairfield, Great Barr, Birmingham.
	1893 Mar. 7.)	JARDINE, ALEXANDER WILLIAM	{Liskeard, Cornwall.
	1882 Mar. 7.)	JARBINE, ALEXANDER WILLIAM	{Johannesburg, Transvaal.
	1884 Oct. 14.)	JEBB, GEORGE ROBERT .. ..	{506 Board of Trade Building, Toronto, Canada.
	1872 Feb. 6.)	JENKIN, SYLVANUS WILLIAM .. ..	{30 Ladbroke Square, W.
	1860 Apr. 3.)	JENKINS, JAMES HENNER .. ..	{Eng.-in-Chief's Dept., Perth, Wes- tern Australia.
	1895 Dec. 3.)	JENNINGS, JAMES HENNER .. ..	{Kenross, Gleneagle Road, Streat- ham, S.W.
	1888 Mar. 6.)	JENNINGS, NEWTON EDWARD .. ..	{Almora, Leven, Fife, N.B.
	1884 Mar. 4.)	JENNINGS, WILLIAM TINDAL .. ..	{Almora Lodge, Birdhurst Rd., South Croydon.
	1891 May 12.)	JERVIS, JAMES THOMAS .. ..	{2631 Russell Av., St. Louis, Mo., U.S.
✱	1885 Dec. 1.)	JOBSON, CHRISTOPHER .. ..	{Astbury, Regent's Park Rd., Finch- ley, N.
	{1894 Mar. 6.)	JOHNSON, CHARLES MALCOLM	{Lankaville, Hornsey Lane, N.
✱	{1882 May 23.)	JOHNSON, CHARLES MALCOLM	{Midland Railway, Derby.
	{1889 Dec. 17.)	R.N. .. ..	{The Digmries, Westcombe Pk., S.E.
✱	{1881 Mar. 1.)	*JOHNSON, FRANCIS ROBERT .. ..	{P.W.D., Abbottabad, India.
	{1894 Oct. 16.)	JOHNSON, HENRY .. ..	{Minas de Rio Tinto, Huelva, Spain.
	1875 May 11.)	JOHNSON, HENRY .. ..	{1 Pall Mall Place, S.W.
	1877 Nov. 13.)	JOHNSON, <i>Prof.</i> JOHN BUTLER	{Macfadyen & Co., Winchester House, E.C.
	1892 May 3.)	JOHNSON, JOHN WILLIAM .. ..	{Joint Railways Office, Birkenhead.
	1874 Apr. 14.)	JOHNSON, RICHARD .. ..	{Grindlay's, 55 Parliament St., S.W.
	1878 Dec. 3.)	JOHNSON, SAMUEL WAITE .. ..	{4 Osborne Place, Plymouth.
	1862 May 20.)	JOHNSON, WALTER CLAUDE .. ..	{3 Border Crescent, Sydenham, S.E.
	1867 Dec. 3.)	JOHNSON, WARWICK HUSON .. ..	{Normanhurst, Ealing, W.
	1885 Mar. 3.)	JOHNSTON, ANDREW .. ..	{The Mall, Sligo.
	1877 Dec. 4.)	JOHNSTON, HERBERT DENT .. ..	{Beau Séjour, Jersey.
	1884 Jan. 22.)	JOHNSTON, JOHN CHARLES .. ..	{Commercial Gas Co., Stepney, E.
	1883 Feb. 6.)	JOHNSTON, ROBERT EDWARD .. ..	{Fort St. George, Madras.
	1886 May 18.)	JOHNSTONE, FREDERICK JOHN	{64 Sutherland Rd., Armadale, Mel- bourne, Victoria.
	1880 May 4.)	C.I.E. .. ..	{P. W. D., Musselbrook, N.S.W.
	1890 Apr. 22.)	JOLI, HENRY .. ..	
✱	1879 Dec. 2.)	JONES, ARTHUR DANIEL .. ..	
	1896 Jan. 7.)	JONES, CHARLES .. ..	
	1867 Mar. 5.)	JONES, CHARLES BOOTH, B.A.	
	1872 Dec. 3.)	JONES, FRANCIS .. ..	
	1880 Mar. 23.)	JONES, HARRY EDWARD .. ..	
	1870 Mar. 1.)	JONES, JOHN ALFRED, F.R.S.E.	
	1877 Nov. 27.)	JONES, PEYTON .. ..	
	1878 Feb. 5.)	JONES, ROBERT EDWARD .. ..	
	1893 May 16.)	JONES, ROBERT EDWARD .. ..	
	1875 Feb. 2.)	JONES, ROBERT EDWARD .. ..	
	1891 Nov. 3.)	JONES, ROBERT EDWARD .. ..	
	1881 Dec. 6.)	JONES, ROBERT EDWARD .. ..	
	1871 Jan. 10.)	JONES, ROBERT EDWARD .. ..	
T W t ✱	{1869 May 27.)	JONES, ROBERT EDWARD .. ..	
	{1875 Apr. 11.)	JONES, ROBERT EDWARD .. ..	
	1875 Feb. 2.)	JONES, ROBERT EDWARD .. ..	
	1881 Nov. 15.)	JONES, ROBERT EDWARD .. ..	
	1886 Dec. 7.)	JONES, ROBERT EDWARD .. ..	
	1886 Jan. 12.)	JONES, ROBERT EDWARD .. ..	
	1893 Nov. 7.)	JONES, ROBERT EDWARD .. ..	

Date of Election and of Transfer.		MEMBERS.	
1877 Dec. 4.	JOPP, JOHN GALE .. ..	{	Locksley Hall, High Ground, Bangalore, Madras.
1892 Dec. 6.	JOYCE, ALFRED .. ..	{	Grindlay's, 55 Parliament St., S.W.
† {1885 Dec. 1. 1892 Jan. 26.}	JOYCE, FREDERICK TALBOT ..	{	Belmont, Mullingar, Ireland.
1887 Dec. 6.	JOYNER, ROBERT BATSON ..	{	Grindlay's, 55 Parliament St., S.W.
1891 Mar. 3.	JUDSON, WILLIAM PIERSON ..	{	Oswego, New York, U.S.
T t † {1885 Jan. 13. 1891 Jan. 13.}	KAPP, GISBERT .. ..	{	3 Lindenallee, Westend, Berlin.
1889 May 7.	KATTE, WALTER .. ..	{	N. Y. Central & Hudson River Rlrd., New York, U.S.
† {1873 Dec. 2. 1878 Dec. 3.}	KEATING, EDWARD HENRY ..	{	City Engineer, Toronto, Ont., Canada.
1884 Jan. 8.	KEATING, HENRY, M.A. .. ..	{	21 Nelson Street, Tralee, Ireland.
1887 Oct. 25.	KEEFER, GEORGE ALEXANDER	{	Victoria, British Columbia.
1885 Dec. 1.	{KEEFER, THOMAS COLTRIN, C.M.G. ... ..}	{	D.P.W., Ottawa, Canada.
† {1883 Dec. 4. 1888 Dec. 18.}	KEELE, THOMAS WILLIAM ..	{	Harbours & Rivers Dept, Ballina, Richmond River, N.S.W.
† 1873 May 20.	KEELING, GEORGE WILLIAM ..	{	10 Lansdown Terrace, Cheltenham.
1883 May 1.	*KEENE, PERCY EDWARD ..	{	Midland Ry., Bhilsa, India.
1894 Feb. 20.	KELLY, WILLIAM REDFERN ..	{	Dalriada, Malone Park, Belfast.
† 1890 Dec. 2.	{KENNEDY, ALEXANDER BLACKIE WILLIAM, LL.D., F.R.S. (Member of Council.)}	{	14 Old Queen St., Westminster, S.W. (Kinematic, London.)
T t F † 1879 May 27.	{KENNEDY, JOHN .. .. (Member of Council.)}	{	Montreal, Canada.
1875 Dec. 7.	{KENNEDY, JOHN .. .. (Member of Council.)}	{	Montreal, Canada.
1851 Mar. 4.	KENNEDY, JOHN PITT .. ..	{	45 Finsbury Circus, E.C.
1857 May 5.	KENNEDY, NEIL .. ..	{	Abu Road, Rajputana, India.
t † {1880 Dec. 7. 1884 May 13.}	KER, THOMAS .. ..	{	Abu Road, Rajputana, India.
† {1879 Apr. 1. 1888 May 15.}	KERNOT, MAURICE EDWIN ..	{	Ry. Dept., Melbourne, Victoria.
1895 Feb. 5.	KERSHAW, JOHN .. ..	{	Marazion, St. Leonards-on-Sea.
1862 Mar. 4.	KETCHUM, HENRY GEORGE	{	Chignecto Ship Ry., Amherst, Nova
1866 May 1.	CLOPPER .. ..	{	Scotia.
1878 Apr. 30.	KIERZKOWSKI-STEUART, CHARLES	{	Langley House, King's Langley.
1871 May 2.	FERDINAND DE .. ..	{	Langley House, King's Langley.
1877 Nov. 27.	KILGOUR, GEORGE .. ..	{	Barkly, W. Griqualand, Cape Colony.
1863 Dec. 1.	KIMBER, JAMES .. ..	{	59 Canfield Gardens, Hampstead. N.W.
1877 Nov. 27.	KINCAID, JOSEPH, M.A. ..	{	29 Great George Street, S.W. (Kincaid, London. 3011.)
1859 Dec. 6.	KINDER, CLAUDE WILLIAM ..	{	c.o. H.B.M. Consul, Tientsin, China.
1875 Nov. 9.	KING, MAURICE .. ..	{	Gas Office, Duke Street, Liverpool.
1870 Apr. 5.	KING, WILLIAM .. ..	{	34 Park Rd., Haverstock Hill, N.W.
1879 Mar. 25.	*KING, WILLIAM HENRY ..	{	34 Park Rd., Haverstock Hill, N.W.
t † {1878 Feb. 5. 1889 Dec. 10.}	KINGSEBURY, WILLIAM JOSEPH ..	{	35 Courtfield Gardens, S.W.
1889 Apr. 2.	KINIPPLE, WALTER ROBERT ..	{	3 Victoria St., S.W. (Kahort, Lond.)
1874 May 5.	KINSEY, WILLIAM BARNES ..	{	Umbilo, near Durban, Natal.
1873 Mar. 4.	KIRBY, CHARLES ANTHONY ..	{	G. N. Ry., Boston.
1889 Nov. 15.	KIRBY, FREDERICK HALL ..	{	Union Club, Trafalgar Square, W.C.
† {1858 Feb. 2. 1863 Dec. 8.}	KIRKALDY, DAVID .. ..	{	99 Southwark St., S.E.
1865 Feb. 7.	KIRKHAM, THOMAS NESHAM ..	{	W. W. Grey, St. Neots, Hunts.
1892 Mar. 1.	KIRKLAND, THOMAS .. ..	{	17 Victoria Street, S.W.
T t † {1865 Mar. 23. 1892 Mar. 1. 1896 May 12.}	KIRKHAM, THOMAS NESHAM ..	{	W. W. Grey, St. Neots, Hunts.

Date of Election and of Transfer.		MEMBERS.	
1875 Mar. 2.		KIRTLEY, WILLIAM .. ..	L. C. & D. Ry., Wandsworth Rd., S.W.
1876 Dec. 5.		KITSON, <i>Sir</i> JAMES, <i>Bart.</i> , M.P.	Monk Bridge Ironworks, Leeds. (73).
1875 Mar. 2.		KITSON, JOHN HAWTHORN ..	{ Airedale Foundry, Leeds. (Kitson, Airedale, Leeds. 26.)
1866 Mar. 6.			
1877 June 26.		KNOWLES, GEORGE .. ..	Billiter Square Buildings, E.C.
1875 Feb. 2.		KNOX, EDWARD BALDWIN	{ Box 398, Johannesburg, Transvaal. { (Aurum, Johannesburg).
1893 Mar. 28.		JOHN .. .. .	
1891 Dec. 1.		KNOX, HORACE CHALONER ..	Constitutional Club, W.C.
* 1879 Dec. 2.		KRAFT, JOHN .. .. .	Société Cockerill, Seraing, Belgium.
1894 Feb. 6.		KRAMER, ARNOLD .. .. .	8 Duke Street, St. James's, S.W.
* 1880 Apr. 6.		KÜHL, CHAS. HENRY LEOPOLD	European Comm. of Danube, Sulina.
* 1873 May 6.		KYLE, JOHN .. .. .	New Harbour Works, Dover.
1876 Apr. 25.			
1887 Mar. 1.		* KYLE, JOHN, JUN .. ..	Harbour Works, Colombo, Ceylon.
1894 Nov. 6.			
1894 Mar. 6.		LAING, ANDREW .. .. .	Oswald Gns., Scotstounville, Glasgow.
1885 Dec. 1.			{ F. C. Alcoy à Gandia, Valencia, Spain.
1895 Oct. 22		LANE, ALEXANDER MAURICE	
1876 May 30.			{ Ch. Mech. Eng., Rio Tinto, Huelva, Spain.
1883 Nov. 3.		LANGDON, WILLIAM .. ..	
* 1870 Jan. 11.		LANGLEY, ALFRED ANDREW ..	33 Chester Ter., Regent's Pk., N.W.
1890 Feb. 4.		LANTON, JOHN .. .. .	Northern Bank Chambers, Belfast.
1881 May 31.		LAPAGE, RICHARD HERBERT	{ Oakfield, Langley Avenue, Surbiton. { (Lapage, Surbiton.)
1885 Nov. 24.			
1874 Feb. 3.		* LARGE, PHILIP TOWNSHEND	Carnalway Rectory, Kileullen, co.
1885 Nov. 10.		SOMERVILLE .. .. .	Kildare.
1878 Mar. 5.		LARMINIE, JOHN CHARLES ..	P.W.D., Chepak, Madras.
1894 May 22.			
1877 May 1.		LATHAM, ALBERT .. .. .	Town Hall, Margate.
1882 Apr. 4.			
1865 May 2.		LATHAM, BALDWIN .. .. .	13 Victoria Street, S.W.
1868 May 19.			
T t * 1859 Dec. 6.		LATHAM, JOHN HERBERT, M.A.	Ngaruawahia, Auckland, N.Z.
1866 Dec. 17.			
1884 May 6.		LAURENCE, WILLIAM KNOX ..	G.W. Ry., Paddington, W. (London.)
1867 Feb. 5.		LAW, HENRY .. .. .	17 Victoria Street, S.W. (Prismoid.
1878 May 7.			
1880 Feb. 24.		LAWDER, ARTHUR WILLIAM ..	H. S. King & Co., 65 Cornhill, E.C.
1880 Dec. 7.			
1884 Dec. 16.		LAWDER, JAMES ORMSBY ..	10 Gloucester Wk., Campden Hill, W.
1867 Feb. 5.		LAWFORD, WILLIAM .. ..	{ 31 St. Julian's Farm Road, West Norwood, S.E.
t * 1870 Mar. 1.		LAWS, WILLIAM GEORGE ..	Winchester Ter., Newcastle-on-Tyne.
1877 May 29.			
1868 Mar. 3.		LAYBOURNE, RICHARD .. ..	The Firs, Malpas, Newport, Mon.
1893 May 2.		LEA, HENRY .. .. .	38 Bennett's Hill, Birmingham.
1873 Dec. 2.			
1877 Nov. 13.		LEAN, CHARLES .. .. .	14 Grange Road, Ealing, W.
1885 Feb. 3.			
1892 Feb. 16.		LEAN, JOEL .. .. .	Ripponden, Halifax.
1886 Dec. 7.		LEAVITT, ERASMUS DARWIN, JUN.	Cambridgeport, Mass., U.S.
1879 Feb. 4.			{ L. & N. W. Ry., Eng.'s Office, Stafford.
1885 Feb. 3.		LEE, JOSEPH JOHN .. .. .	
1872 Dec. 3.			
1879 May 27.		LEGGATT, WILLIAM BENJAMIN	27 Ladbrooke Grove, W.
1879 Feb. 4.			
1889 Feb. 5.		LEIGH, ROBERT KENNAWAY ..	Hong Kong.
1885 Apr. 14.		* LE LIEVRE, CHARLES .. ..	c.o. The Agent, E.I. Ry., Calcutta.
* 1883 Jan. 9.		LE MESTRIER, WILLIAM HENRY	36 Slatery Rd., Birkenhead.
1865 May 23.			{ 9 Victoria Street, S.W.; and Lans- downe House, Southampton.
1877 Jan. 30.		LEMON, JAMES .. .. .	
1865 Dec. 5.		LEONARD, HUGH .. .. .	7 Hanover Square, W.
1896 Apr. 14.		LE QUESNE, WILLIAM HENRY	P.W.D., Poona, Bombay.

Date of Election and of Transfer.		MEMBERS.			
T t W S †	1872 Jan. 9.	LESLIE, Sir BRADFORD, K.C.I.E.	6 Florence Terrace, Falmouth.		
	1890 Dec. 2.	LESLIE, MORICE .. .. .	Watson & Co., 27 Leadenhall St., E.C.		
	1885 Feb. 3.	LEWIS, GEORGE .. .. .	Imperial Chams., Albert St., Derby.		
	1866 Feb. 6.	LEWIS, WILLIAM BOURNE ..	15 Victoria Street, S.W.		
	1879 May 6.	*LEWIS, WILLIAM CUTHBERT			
	1895 Jan. 22.	Platt Vicarage, Sevenoaks.			
	1865 Mar. 7.	LEWIS, Sir WILLIAM THOMAS,	Mardy, Aberdare. (Lewis, Aberdare.)		
	1869 Jan. 19.	Bart.			
	1862 Jan. 14.	LIGHT, ALEXANDER LUDERS ..	Ch. Eng., Govt. Rys., Quebec, Canada.		
	m †	1881 Dec. 6.	LIGHTFOOT, THOMAS BELL ..	{ 35 Queen Victoria Street, E.C. (Separator, London.)	
1890 Feb. 4.		LINDENTHAL, GUSTAV .. ..	45 Cedar Street, New York, U.S.		
1891 Mar. 3.		LINDLEY, JOSEPH .. .. .	10 Kotzebue, Warsaw.		
1881 Feb. 1.		LINDLEY, ROBERT SEARLES ..	Ffynone, Swansea.		
1842 Feb. 1.		LINDLEY, WILLIAM .. .. .	74 Shooter's Hill Road, S.E.		
1878 May 28.		LINDLEY, WILLIAM HEERLEIN	Frankfurt-am-Main.		
1880 Dec. 7.		LINDSAY, CHARLES COXHEAD ..	{ 167 St. Vincent Street, Glasgow.		
1887 Feb. 22.			(Civileng, Glasgow.)		
1856 Dec. 2.					
1866 Apr. 24.		LINN, ALEXANDER GRAINGER	121 Upper Parliament St., Liverpool.		
	1882 Apr. 4.	LISBÔA, JOAQUIM MIGUEL RIBEIRO	Post Box 195, Rio de Janeiro.		
	1871 Mar. 7.	LIST, GEORGE HENRY .. ..	Haddington, N.B.		
	1880 Apr. 13.				
	1878 Feb. 5.	*LIST, JOHN. R.N.R. .. ..	{ 3 St. John's Park, Blackheath,		
	1887 Feb. 1.		{ S.E.		
	1885 May 5.	LITTLE, THOMAS DAVID, C.I.E.	{ Chief Engineer and Secretary to Government, Bombay.		
	1887 Feb. 1.	LIVESAY, CHARLES EDWARD ..	33 St. Charles Sq., Notting Hill, W.		
	1869 Dec. 7.	*LIVESEY, FRANK .. .. .	{ So. Metropolitan Gas Co., 709A Old Kent Rd., S.E.		
	1883 Dec. 4.		Shagbrook, Reigate.		
		1872 Mar. 5.	LIVESEY, GEORGE THOMAS ..	Broad Street Avenue, E.C.	
1886 May 18.		*LIVESEY, HARRY .. .. .	Broad Street Avenue, E.C.		
1894 Jan. 23.					
1867 Dec. 3.		LIVESEY, JAMES .. .. .	Broad Street Avenue, E.C.		
1878 Feb. 19.					
1896 Feb. 4.		LLOYD, ROBERT SAMUEL ..	{ Hayward-Tyler & Co., 90 White- cross St., E.C.		
T t †		1854 Mar. 7.	LLOYD, WILLIAM .. .. .	19 Finchley Road, N.W.	
		1875 Jan. 12.	LOBLEY, JOSEPH .. .. .	Boro' Surveyor, Hanley, Staffs.	
		1886 May 11.			
		1877 Jan. 16.	*LOCKHART, WILLIAM STRONACH	{ Automatic Gem-Separator Syndicate, 19 St. Swithin's Lane, E.C.	
	1889 Apr. 9.	LOCKWOOD, PHILIP CAUSTON ..	1 Gloucester Place, Brighton.		
	1859 May 24.				
	1874 May 9.	*LOGAN, ROBERT PATRICK TRE-	Francis Street, Dundalk.		
	1878 Feb. 5.	DENNICK .. .. .			
	1890 Apr. 22.				
		1887 May 24.	LONGDEN, JOHN ALFRED ..	{ Stanton-by-Dale, Nottingham. (Long- den, Stanton, Alfreton.)	
1874 Mar. 3.		LONGRIDGE, MICHAEL, M.A.	{ Linkvretten, Ashley Road, Peel Causeway, Cheshire.		
1880 May 11.					
t †		1883 May 29.	LOPES, GEORGE, B.A. .. ..	L.B. & S.C. Ry., London Bridge, S.E.	
		1889 Nov. 5.			
		1867 Mar. 5.	LOWE, CHARLES HARLOWE ..	Vestry Hall, Haverstock Hill, N.W.	
		1896 Feb. 4.			
		†	1877 Dec. 4.	LOWE, JOHN HENRY .. .. .	Ry. Dept., Wellington, N.Z.
			1885 Dec. 1.	LOWE, JOHN LANDOR, B.Sc. ..	Midland Ry., Derby.
			1891 Jan. 13.	LOWE, LOUIS JOHN MCKENZIE	Casilla 655, Buenos Ayres.
	1884 Feb. 5.		LUCAS, WILLIAM OWEN .. ..	Central Ry., Rosario, Argentina.	
	1895 Mar. 5.				
	1883 Feb. 6.		LUFF, JOHN MIDDLEMISS ..	Wye Lodge, Wimbledon Park.	
1880 Dec. 7.	LUKE, ARTHUR GEORGE .. ..				
1885 Mar. 3.	LUMSDEN, HUGH DAVID .. ..		63 Homewood Av., Toronto, Canada.		
1876 Mar. 7.	LUNDIE, CORNELIUS .. .. .		Rhymney Railway, Cardiff.		

Date of Election  
and of Transfer.

## MEMBERS.

	1876 Feb. 1.}	LUNDIE, GEORGE ARCHIBALD	Cardiff.
	1879 Mar. 4.}		
	1878 May 7.	LUTTON, <i>Professor</i> ARNOLD ..	{ 6 De Grey Rd., Leeds. (Arnold Lup- ton, Leeds. 330.)
	1881 Dec. 6.	LYNCH, FRANCIS JOSEPH ..	Ottawa, Canada.
	1877 Dec. 4.}	LYNDE, FRANCIS GASCOIGNE ..	B.B. & C.I. Ry., Eng.'s Dept., Bombay.
	1882 May 23.}		
	1875 May 11.}	LYNDE, JAMES HENRY .. ..	{ Buckland, Ashton-on-Mersey, Man- chester.
	1877 Nov. 27.}		
	1884 Dec. 2.}	LYNN, GRAHAM RIGBY .. ..	{ Chief Engineer's Office, Baroda, Bombay.
	1890 May 20.}		
*	1888 Dec. 4.	LYONS, ANDREW OLIVER ..	County Surveyor, Mallow, co. Cork.
	1882 Dec. 5.	LYSTER, ANTHONY GEORGE ..	Dockyard, Liverpool.
	1858 Dec. 7.	{ LYSTER, GEORGE FOSBERY. } (Member of Council.)	Plas Isaf, Ruthin, North Wales.
m *	{ 1882 Feb. 7. }	*MACALISTER, DANIEL .. ..	20 Patrick St., Greenock, N.B.
	{ 1891 Sept. 29. }		
	1881 May 31.}	MACALISTER, ROBERT .. ..	P.W.D., Roorkee, India.
	1896 May 12.}		
	1879 Feb. 4.}	MACASSEY, LUKE LIVINGSTON	38 Parliament Street, S.W.
	1886 Feb. 9.}		
	1873 May 6.}	MACBRIDE, ROBERT KNOX, }	
	1879 Nov. 4.}	C.M.G. .. .. . }	Kandy, Ceylon.
	1864 Apr. 5.}		
	1867 Dec. 10.}	MCCLEAN, FRANK, M.A., F.R.S.	Norfolk Ho., Norfolk St., Strand, W.C.
	1867 Dec. 3.}	MCCLELLAND, WALTER SIMPSON	H. S. King & Co., 45 Pall Mall, S.W.
	1891 May 5.}	MCCORMICK, JOHN MACNEILL	Govt. Rys., Hobart, Tasmania.
	1882 Feb. 7.}	MCCUDDEN, EDMUND GERALD }	
	1886 Nov. 2.}	JAMES .. .. . }	King, King & Co., Bombay.
	1889 Mar. 5.}	MCCULLOUGH, FREDERICK }	
	1896 May 12.}	WILLIAM .. .. . }	Waterworks Engineer, Belfast.
	1885 Dec. 1.}	MCCURRICH, JOHN MARTIN, }	
	1892 Nov. 22.}	M.A. .. .. . }	Dock Office, Cumberland Basin, Bristol.
	1891 Apr. 7.}	MCDONALD, ALEXANDER BEITH	City Engineer, Glasgow.
	1874 Mar. 3.}	MCDONALD, ARTHUR HARMAN	1 Osborne Rd., Clifton, Bristol.
	1881 Dec. 6.}	*MCDONALD, JOHN ALEXANDER	{ McDonald, Seales & Co., 4 Chapel Street, E.C.
	1878 Mar. 5.}	MCDONALD, JOHN ALLEN ..	{ Eng.'s Office, Midland Ry., Derby. (Engineer, Derby.) [Thames.
t *	1872 Feb. 6.}	MCDONNELL, ALEXANDER ..	Rydens, Hersham Road, Walton-on-
*	1877 Dec. 4.}	MACDOUGALL, ALAN .. ..	{ 35 East Adelaide Street, Toronto. Canada. (Mice, Toronto. 1252.)
	1875 Feb. 2.}		
	1881 Mar. 15.}	MCDUGALL, NIEL .. ..	{ Guildhall Chambers, Lloyd St., Man- chester.
	1877 May 29.}	MACGEORGE, GEORGE WALTER	Grindlay's, 55 Parliament St., S.W.
	1879 Apr. 1.}	MCGREGOR, JOSIAH .. ..	31 Victoria Rd., Upper Norwood, S.E.
	1867 Dec. 3.}	MAGINTYRE, JOHN STEVENSON	14 Victoria Street, S.W.
T t *	{ 1875 May 4. }	MACKENZIE, JOHN BOWER ..	{ Broken Hill Chambers, 31 Queen St., Melbourne, Victoria.
	{ 1878 Apr. 30. }		
	1866 Jan. 9.}	McKERROW, ALEXANDER ..	12 Victoria Street, S.W.
	1871 Dec. 5.}		
	1859 Mar. 1.}	McKIE, HUGH UNSWORTH ..	11 Victoria Street, S.W.
	1885 Dec. 1.}		
	1880 Jan. 13.}	McKINNEY, HUGH GIFFEN ..	Athenæum Club, Sydney, N.S.W.
	1885 Feb. 24.}		
	1870 Apr. 5.}	MACKINNON, ALEXANDER KENDALL	12 Fopstone Rd., Earl's Court, S.W.
	1870 May 24.}	MACKINNON, MATTHIE CHARLES	H. S. King & Co., 65 Cornhill, E.C.
	1893 Nov. 7.}		
	1859 May 24.}	McLANDSBOROUGH, WILLIAM ..	Selsley Lawn, Cheltenham.
	1878 Apr. 30.}		
	1874 Mar. 3.}	MACLARAN, FRANCIS BLATNEY	Grindlay's, 55 Parliament St., S.W.
	1892 Apr. 26.}		
*	{ 1876 May 2. }	McLAREN, JOHN .. ..	{ Midland Engine Works, Hunslet, Leeds. (McLaren, Leeds.)
	{ 1892 Nov. 8. }		

	Date of Election and of Transfer.	MEMBERS.	
	1879 May 6.}	McLAUGHLIN, FREDERICK JAMES	Ditchingham, Norfolk.
	1887 May 17.}		
	1894 Apr. 3.}	MACLAY, WILLIAM WALTER, M.A. . . . .	Box 512, Glens Falls, New York, U.S.A.
✱	1888 Dec. 4.	MACLEAN, LOUDOUN FRAS., C.I.E.	Post Office, Lahore, Punjab.
	1878 May 28.}	MACLEOD, HENRY AUGUSTINE FITZGERALD . . . . .	340 Cooper St., Ottawa, Canada.
	1885 May 19.	McMORDIE, DAVID, B.E. . .	{Water Conservation Dept., Sydney, [N.S.W.]
	1857 Dec. 1.}	MACNAIR, ALEXANDER HILL . .	18 Newington Rd., Edinburgh.
	1870 May 24.}		
	1884 Dec. 2.}	MACPHERSON, DUNCAN . . . .	Canadian Pacific Ry., Montreal.
	1891 May 5.}		
	1870 Dec. 6.}	MADELEY, JAMES CHATBURN . .	São Paulo Ry., São Paulo, Brazil.
	1878 Feb. 19.}		
W t ✱	1873 May 20.	MAIR-RUMLEY, JOHN GEORGE	{101 Grosvenor Road., S. W. (Aqu- osity, London.)
	1879 Dec. 2.	MAIS, HENRY COATHUPE . . .	Prell's Bldgs., Melbourne, Victoria.
	1886 Dec. 7.	MALCOLM, BOWMAN . . . . .	Northern Counties Ry., Belfast.
✱	{1863 May 5. 1876 Dec. 5.}	MALLET, ROBERT TREFUSIS . .	185 Cromwell Road, S.W.
	1889 Dec. 3.	MALTY, THOMAS CRICHTON . .	Railways, Dunedin, N.Z.
	1882 Dec. 5.	MAMMATT, JOHN EDWARD . .	1 Albion Place, Leeds. [S.W.]
✱	{1872 Dec. 3. 1879 May 27.}	MANBY, EDWARD JOHN THEODORE	18 Barkston Mansions, Kensington,
	1883 Dec. 4.}	{MANCE, Sir HENRY CHRIS- TOPHER, C.I.E. . . . .}	32 Earl's Court Square, S.W.
	1870 May 24.}		
	1893 Jan. 17.}	MANISTY, EDWARD . . . . .	Dundalk.
t ✱	1864 Dec. 6.	MANN, GODFREY OATES . . . .	Hollington Pk., St. Leonards-on-Sea.
t ✱	1888 Mar. 6.	MANN, ISAAC JOHN . . . . .	{Eng.'s Office, Fishguard Bay, South Wales.
	1870 May 24.}		
	1887 Nov. 8.}	MANNERS, CHARLES ROBERT . .	12 Lombard Street, Inverness.
	1864 Dec. 6.	MANNING, JOHN RICHARDS . .	9 Bridge Street, Westminster, S.W.
T m ✱	1858 Dec. 7.	MANNING, ROBERT . . . . .	4 Upper Ely Place, Dublin.
	1887 May 3.	MANOUG, JOSEPH LATIF, <i>Bey</i>	Cairo. [Rio de Janeiro.]
	1889 Dec. 3.	MANSELL, ALFRED JOHN . . .	Caixa 152, Rio de Janeiro. (Sarmia,
	1893 Dec. 5.	MANSSELL, WALTER . . . . .	49 Ennerdale Rd., Richmond, S.W.)
T t ✱	{1859 Apr. 5. 1873 Dec. 9.}	MANSERGH, JAMES . . . . . (Vice-President.)	{5 Victoria Street, S.W. (Survey, London.)
✱	{1881 Dec. 6. 1892 Nov. 29.}	MARCHANT, FREDERIC WILLIAM	Timaru, New Zealand.
	1854 Mar. 7.}	{MARCOARTU, H. E. <i>Don AR- TURO DE</i> . . . . .}	Senate, Madrid.
✱	1866 Feb. 6.	MARILLIER, ROBERT ASPLAND	Holbeck Hurst, Scarborough.
	1892 Dec. 6.	MARLEY, JOHN WILLIAM . . .	Thornfield, Darlington.
m	{1883 Mar. 6. 1891 Nov. 17.}	*MARRIOTT, WILLIAM . . . . .	{M. & G. N. Rys., Melton Constable. (Marriott, Melton Constable.)
	1877 May 29.}		
	1890 Mar. 4.}	*MARSH, HENRY . . . . .	Ganges Canal, Bulandshahr, India.
	1862 Mar. 4.	MARSH, THOMAS EDWARD MILES	34 Grosvenor Place, Bath.
	1891 Feb. 3.	MARSH, WILLIAM SUTCLIFFE . .	190 St. Helen's Rd., Swansea.
	1866 Jan. 9.	MARSHALL, FRANCIS CARR . .	Hawthorn's Wks., Newcastle-on-Tyne.
	1877 Feb. 6.}		Richmond Hill, Birmingham.
	1887 Apr. 19.}	MARSHALL, WILLIAM BAYLEY	{Augustus, Birmingham. 3533.)
	1845 June 3.}		Richmond Hill, Birmingham.
	1866 Apr. 10.}	MARSHALL, WILLIAM PRIME . .	{Augustus, Birmingham. 3533.)
	1857 Jan. 13.}		
	1877 May 8.}	MARTEN, EDWARD BINDON . . .	Pedmore, near Stourbridge.
✱	{1883 May 1. 1893 May 2.}	MARTEN, EDWARD DIMMACK, M.A. . . . .	{The Birches, Codsall, Wolverhamp- ton.
	1883 Feb. 6.	MARTIN, DANIEL FRANCIS . .	Oriental Club, Hanover Square, W.



	Date of Election and of Transfer.	MEMBERS.	
	1875 May 4.	MARTIN, EDWARD JAMES ..	St. Stephen's Ho., St. Stephen's Sq., W.
	1881 Apr. 5.	MARTIN, EDWARD PRITCHARD ..	Dowlais Iron Works, Glamorgan.
	1886 May 18.	MARTIN, FRANCIS WILLIAM ..	P. W. D., Perth, Western Australia.
	1838 Mar. 20.	} MARTIN, HENRY DANIEL ..	Halberry, nr. Newport, I.W.
	1858 May 4.		
	1888 Dec. 4.	MARTIN, HENRY WILLIAM ..	Dowlais Iron Works, Glamorgan.
	1859 Apr. 5.	MARTINEAU, WILLIAM ..	C. Cowan, 6 Gt. Winchester St., E.C.
	1896 May 19.	MASCHWITZ, CARLOS ..	430 Calle Viamont, Buenos Ayres.
	1884 Apr. 1.	MASON, CLAYTON TURNER ..	Perth, W. Australia.
	1888 May 15.	MASSEY, WILLIAM HENRY ..	{ 25 Queen Anne's Gate, S.W. (Mas- [sive, London.]
	1886 Feb. 2.	MATHER, WILLIAM ..	Salford Ironworks, Manchester.
	1887 Feb. 1.	MATHESON, DONALD ALEX- ..	} 97 Union Street, Glasgow.
	1895 Dec. 3.	{ ANDER .. .. .	
t ✚	1876 May 2.	MATHESON, EWING ..	{ 13 Walbrook, E.C. (Matheson, Wal- brook.)
	1865 Mar. 7.	{ MATHEWS, HENRY MONTAGU, ..	} Clayton, Surbiton Hill Park.
		{ C.I.E. .. .. .	
	1877 Feb. 6.	} MATTHEWS, THOMAS ..	} Trinity House, E.C.
	1884 May 6.		
	1870 Dec. 6.		
	1876 Dec. 5.	MATTHEWS, WILLIAM ..	{ 9 Victoria Street, S.W. (Penlee, London.)
t ✚	{ 1882 Apr. 4.	} MATTHEWS, WILLIAM ..	} Municipal Offices, Southampton.
	{ 1889 Apr. 30.		
	1849 Mar. 6.	MAUDSLAY, HENRY ..	47 Lincoln's Inn Fields, W.C.
	1871 May 2.	} MAUDSLAY, WALTER HENRY ..	{ 108 Westminster Bridge Road, S.E. (4681.)
	1877 Dec. 18.		
	1896 Feb. 4.	MAW, WILLIAM HENRY ..	{ 35 Bedford St., Strand, W.C.]
m m ✚	{ 1873 Jan. 14.	} *MAXWELL, JOSEPH PRIME ..	} Wellington, N.Z.
	{ 1883 May 29.		
	1886 Dec. 7.	} MAY, FRANCIS JOHN CHARLES	} 25 Compton Avenue, Brighton.
	1894 Mar. 6.		
	1876 May 2.		
	1879 Feb. 4.	MAYLOR, WILLIAM ..	{ Chesterleigh, Albemarle Road, Beckenham.
	1879 Feb. 4.	} MEADE, THOMAS DE COURCY ..	} Kenmore, Didsbury, Manchester.
	1891 Mar. 30.		
	1887 Dec. 6.	MEADE-KING, WILLIAM OLIVER ..	} N.E. Ry., 37 North Bailey, Durham.
	1890 Dec. 9.	EVELYN .. .. .	
	1863 May 5.	MEDeiros, Captain VILHATO DE	Rio de Janeiro.
✚	1888 Feb. 7.	MEIK, CHARLES SCOTT ..	16 Victoria Street, S.W.
✚	{ 1876 May 2.	} *MEIK, PATRICK WALTER ..	{ 16 Victoria Street, S.W. (Snowdon, London.)
	{ 1880 Apr. 27.		
	1874 May 5.	} MELLISS, JOHN CHARLES ..	} 261 Gresham Ho., Old Broad St., E.C.
	1891 Nov. 17.		
	1893 Mar. 7.	MELVILLE, WILLIAM ..	St. Enoch Station, Glasgow.
	1883 Dec. 4.	MENEZES, CAMILLO MARIA DE	{ Sen. D. Level, 42 Rua da Passagem, Rio de Janeiro.
	1885 May 5.	MÉRIC, LEOPOLD DOLLFUS DE	
	1888 May 1.	} MERIVALE, WALTER ..	} Barbados Ry., Barbados.
	1893 Jan. 10.		
	1861 Feb. 5.	MESSENT, PHILIP JOHN ..	Tynemouth, Northumberland.
	1879 Dec. 2.	} MESTAYER, RICHARD LIRON ..	} Municipal Offices, Wellington, N.Z.
	1889 Jan. 29.		
	1896 Mar. 3.	METCALF, WILLIAM ..	707 Ferguson Bldg., Pittsburgh, U.S.
	1875 Feb. 2.	METHVEN, CATHERINE WILLIAM, ..	} Harbour Works, Port Natal.
	1882 Feb. 14.	F.R.S.E. .. .. .	
	1878 Feb. 5.	*MEYSEY-THOMPSON, ARTHUR ..	} Sun Foundry, Leeds.
	1894 Dec. 4.	HERBERT .. .. .	
	1874 Dec. 1.	} MICHELE, VITALE DOMENICO DE	} Higham Hall, Rochester.
	1891 Dec. 8.		
✚	{ 1870 Feb. 1.	} MIDDLETON, REGINALD EMPSON	{ 17 Victoria Street, S.W. (Appoint, London.)
	{ 1885 Dec. 1.		
	1863 Mar. 3.	MIERS, FRANCIS CHARLES ..	Eden Cottage, Beckenham.

Date of Election and of Transfer.		MEMBERS.	
1876 Mar. 7.	1886 Feb. 9.	MILLER, HENRY .. .. .	Bosmere Ho., Norwich Rd., Ipswich.
1869 May 11.	1878 Mar. 21.	MILLER, THOMAS .. .. .	{ Dock Commission and Harwich Har- bour Conservancy Board, Ipswich.
1891 May 12.		MILLS, MANSFELDT HENRY ..	Mansfield-Woodhouse, Notts.
t ✕ 1862 Apr. 1.		MILLS, WILLIAM HEMINGWAY ..	Nurney, Glenagarey, co. Dublin.
1877 Dec. 4.		*MILSOM, BOSWELL PARKINSON	Grindlay & Co., Calcutta.
1889 Nov. 5.		MIRRELES, WILLIAM JULIUS,	{ Tongaat, Natal.
1891 May 5.		B. Sc. .. .. .	
1895 May 14.		MIRRELES, WILLIAM JULIUS ..	{ 33 Bennett Park, Blackheath, S.E.
t ✕ 1881 Mar. 1.		MOBERLY, CHARLES HENRY ..	
1889 Feb. 5.		*MOIR, ERNEST WILLIAM ..	{ Blackwall Tunnel, East Green- wich, S.E.
m ✕ 1894 May 22.			{ Heenan & Froude, 4 Chapel Walks, Manchester.
1889 Dec. 3.		MOLESWORTH, HENRY BRIDGES	
W m ✕ 1854 Mar. 7.		{ MOLESWORTH, Sir GUIL- FORD LINDSAY, K.C.I.E. ..	{ The Manor House, Bexley, Kent.
1862 Nov. 25.		(Member of Council.)	
1889 May 21.		MOLINE, LEWIS PRICHARD	{ Kensington Rd., South Yarra, Mel- bourne, Victoria.
1891 Dec. 8.			
1872 May 7.		*MOLLETT, FREDERICK HERBERT	{ 6 Delahay Street, Westminster, S.W.
1887 May 24.			
1889 Feb. 5.		MOLLISON, JAMES SMITH ..	P. W. D., Sydney, N.S.W.
1895 Apr. 9.		MONCRIEFF, ALEXANDER BAIN	Eng.-in-Chief, Adelaide, S. Australia.
1888 May 1.		MONCRIEFF, JOSEPH COWAN BAIN	Ry. Station, Adelaide, S. Australia.
1887 May 24.			
1875 Dec. 7.		MONK, HUGH LEWIN .. .. .	{ King, Hamilton & Co., Calcutta.
1890 Nov. 11.			
1886 Jan. 12.		MONRO, THOMAS .. .. .	{ Dept. of Rys. & Canals, Ottawa, Canada.
1878 May 28.		*MONTAGUE, JOHN MONT-	{ P. W. D., Mozufferpore, Bengal.
1893 Nov. 7.		HERMER, M.A. .. .. .	
1866 May 15.		MOORE, ALFRED .. .. .	{ 2 Ridgefield, Manchester.
		MOORE, BENJAMIN THEOPHILUS,	
✕ 1879 Mar. 4.		M.A. .. .. .	{ Longwood, Bexley, Kent.
1880 Dec. 7.			
1884 Oct. 14.		MOORE, EDWARD JAMES .. ..	Grindlay & Co., Calcutta.
1880 Dec. 7.		MOORE, GEORGE EDWARD ..	Lorette, St. Servan, France.
1884 Mar. 4.			
1883 Dec. 4.		*MOORE, RICHARD ST. GEORGE	17 Victoria Street, S.W.
1895 Apr. 2.			
1887 Dec. 6.		MOORE, ROBERT .. .. .	Laclede Building, St. Louis, Mo., U.S.
1867 Jan. 8.		MOORSOM, LEWIS HENRY ..	20 Cooper St., Manchester.
1888 Jan. 10.		MORCOM, ALFRED .. .. .	Ledsam Street Works, Birmingham.
✕ 1866 Dec. 4.		MORE, CHARLES JAMES .. ..	{ Thames Conservancy, Victoria Em- bankment, E.C.
1879 Apr. 29.			{ Broad St. House, E.C. (Bewick, London. 2044.)
1881 Dec. 6.		*MOREING, CHARLES ALGERNON	
1888 Feb. 7.			{ 4 Highbury Quadrant, N. (Expan- sion, London.)
1869 May 4.		MORELAND, RICHARD .. ..	{ L. B. & S. C. Ry., London Bdge., S.E.
1883 Jan. 9.			
1889 Apr. 30.		MORGAN, CHARLES LANGBRIDGE	
1882 Dec. 5.			
1891 May 12.		MORGAN, WALTER CAMPBELL DE	Arbuthnot & Co., Madras.
1892 Dec. 6.		MORGANS, THOMAS .. .. .	Guildhall, Bristol.
1865 Dec. 5.		MORIARTY, EDWARD ORPEN ..	
T t ✕ 1891 May 5.		MORISON, GEORGE SHATTUCK	{ 49 Delaware Place, Chicago, Ill., U.S.
1892 May 24.		*MORLEY, GEORGE STREATFEILD	
1884 Dec. 2.			
1889 May 21.		MORRIS, DAVID .. .. .	Port Trust, Manora, Karachi, India.
1870 Feb. 1.			
1878 Apr. 30.		MORRIS, FRANK .. .. .	Gas Company, Brentford.
1881 May 31.		MORRIS, THOMAS BACON ..	H. S. King & Co., 45 Pall Mall, S.W.
t ✕ 1870 Mar. 1.		MORRIS, WILLIAM .. .. .	{ Kent Waterworks, Deptford, S.E.
1877 Dec. 11.			

Date of Election and of Transfer.		MEMBERS.	
W t	{1870 Feb. 1. 1874 Nov. 17.}	MORRISON, GABRIEL JAMES ..	Shanghai, China.
	1883 May 29.	MORSING, CARLOS ALBERTO ..	Rua da Alfandega 6, Rio de Janeiro.
	1893 Feb. 7.	MORTON, ANDREW .. .. .	Waltair, East Coast Ry., Madras.
	✦ 1872 Dec. 3.	MORTON, ROBERT .. .. .	64 Hamilton Terrace, N.W.
✦	1877 Dec. 4.	MORTON, WILLIAM .. .. .	98 Oxford Gardens, W.
	{1879 Feb. 4.}	*MOSS-BLUNDELL, ARTHUR	2 Victoria Mansions, Westminster,
	nr {1888 May 15.}	SPENCE .. .. .	S.W.
	T t ✦ 1862 Jan. 14.	MOSSE, JAMES ROBERT .. ..	5 Chiswick Place, Eastbourne.
✦	1884 Dec. 2.	MOSTYN, ROBERT JOHN COUR-	Thames Conservancy, Victoria Em-
	1896 Apr. 29.}	TENAY .. .. .	bankment, E.C.
	1893 Mar. 5.	MOTT, BASIL, A.R.S.M. .. ..	8 Queen Anne's Gate, S.W.
	✦ 1885 May 5.	MOUNTAIN, ADRIEN CHARLES ..	City Surv., Melbourne, Victoria.
t ✦	{1880 Dec. 7.}	*MOYLE, GEORGE .. .. .	Bengal-Nagpurky, Dongargarh, C.P.,
	{1890 Nov. 11.}	MUDD, THOMAS .. .. .	Greencliffe, Hartlepool. [India.
	1889 Apr. 2.	MUIR, EDWIN .. .. .	37 Brown Street, Manchester.
	1871 Apr. 4.	MUIR, EDWIN .. .. .	37 Brown Street, Manchester.
✦	1877 Nov. 27.	MULLALY, JOSEPH JOHN .. ..	11, S. King & Co., 45 Pall Mall, S.W.
	1892 May 3.	*MULLOCK, GEORGE PHILLIPS ..	Fleetwood Docks, Lancs.
	1877 Jan. 16.}	*MULVANY, CHRISTOPHER JOHN,	Co. Surveyor's Office, Athlone,
	1893 Nov. 21.}	B.E. .. .. .	Ireland.
nr	1875 Dec. 7.}	MURRAY, ALEXANDER .. ..	{Mrs. Tatham, Clayton, Lunham Rd.,
	1892 Nov. 1.}	MURRAY, FREDERICK CHARLES	Upper Norwood, S.E.
	1891 Mar. 3.	MURZBAN, MUNCHERJI COWASJEE,	P.O., Lahore, Punjab.
	1874 Dec. 1.}	Khan Bahadur, C.I.E. .. ..	Gulestan, Murzban Rd., Bombay.
✦	1896 Jan. 28.}	*MYERS-BESWICK, WILLIAM	14 Victoria Street, S.W.
	1876 Feb. 1.}	BESWICK .. .. .	
	1882 Jan. 21.}		
✦	1876 Dec. 5.	NAPIER, JOHN .. .. .	C. Audley Mansions, Grosvenor Sq.
	{1847 Mar. 2.}	NEATE, CHARLES .. .. .	14 Victoria Street, S.W. (Trigonon,
	{1859 Mar. 8.}	NEFMANN, GEORGE .. .. .	London.)
	1858 May 4.	NEFMANN, GEORGE .. .. .	Honiton, Devon.
✦	1870 Apr. 5.	NEWBIGGING, THOMAS .. ..	5 Norfolk Street, Manchester.
	1878 Apr. 30.}	NEWCOMBE, ALFRED CORNE-	H. S. King & Co., 65 Cornhill, E.C.
	1882 Dec. 5.}	LUS .. .. .	
	1896 Jan. 28.}	NEWWEY, JOSEPH .. .. .	Chief Inspector of Public Works,
✦	1879 May 6.}	NEWTON, CHARLES EDWARD ..	Cape Town, C.C.
	1891 Nov. 9.}		17 Cooper Street, Manchester.
	1894 Apr. 3.	NEWTON, JOHN .. .. .	Carlton Bldgs., Manchester.
	1857 Feb. 3.}		
✦	1868 Mar. 31.}	NICHOLAS, CHARLES EDWARD ..	Ry. Dept., Sydney, N.S.W.
	1873 Mar. 4.}	NICHOLS, OTHNIEL FOSTER ..	42 Gates Av., Brooklyn, N.Y., U.S.
	1880 Mar. 2.}	NICOLLS, THOMAS JOHN FRANCIS,	14 Bridge St., Glasgow.
	1892 Feb. 2.}	B.A. .. .. .	
✦	1875 Dec. 7.}	NIGHTINGALE, WALTER HAW-	Secy., P.W.D., Shillong, Assam.
	1879 Mar. 25.}	KINS .. .. .	
	1882 Mar. 7.}	NISBET, WILLIAM DAVID ..	131 West Regent St., Glasgow.
	1875 May 4.}	NIVEN, THOMAS OGILVIE ..	
L	1889 Dec. 3.	{NOBLE, Captain Sir ANDREW,	Elswick Works, Newcastle-on-Tyne.
	1881 Dec. 6.}	K.C.B., F.R.S. (late R.A.)	(Elswick, Newcastle. 8.)
		(Member of Council.)	
✦	1886 Dec. 7.}	NORMAN, CHARLES ERNEST ..	Ry. Dept., Melbourne, Victoria.
	1888 Oct. 30.}	NORMAN, MATTHEW JAMES	P.W.D., Berhampore, Bengal.
	1883 Dec. 4.}	JOSEPH PATRICK .. .. .	
	1890 Nov. 25.}	NYSTROMER, CARL AUGUST	Avenida Alvear 324, Buenos Ayres.
✦	1877 Feb. 6.}	BERNHARD .. .. .	
	1883 May 29.}		

Date of Election and of Transfer.		MEMBERS.	
1877 May 1.	1892 Feb. 23.	OAK, WILLIAM PERCIVAL ..	Govt. Rys., Charlestown, Natal.
1869 Jan. 9.	1872 Apr. 23.	O'CALLAGHAN, FRANCIS LANG- FORD, C.S.I., C.I.E. .. ..	Crichmere, Guildford.
1876 Apr. 4.	1889 Jan. 15.	O'CONNELL, JOHN .. ..	
1880 Apr. 6.	1879 Apr. 1.	O'CONNOR, CHARLES YELVERTON	Perth, Western Australia.
1889 Feb. 5.	1889 Feb. 5.	ODLING, CHARLES WILLIAM, M.E.	Bengal Secretariat, Calcutta.
1871 Dec. 5.	1878 Feb. 19.	OLDHAM, ABEL JOHN .. ..	Northlands, Guildford.
1878 Feb. 19.	1879 Feb. 4.	OLDHAM, ROBERT AUGUSTUS ..	Tilthams, Godalming.
* (1879 Feb. 4.)	1891 Nov. 17.	OLIVE, WILLIAM THOMAS ..	City Engineer, Cape Town, C.C.
1882 Dec. 5.	1888 Jan. 15.	OLIVER, EDWARD EMMERSON ..	Sec. to Govt., P.W.D., Lahore, Punjab.
1890 Nov. 25.	1878 Apr. 2.	OLIVER, HENRY .. ..	Port of Spain, Trinidad.
t * (1878 Apr. 2.)	1875 Dec. 7.	O'MEARA, PATRICK .. ..	Ry. Eng.'s Office, Maritzburg, Natal.
1890 May 6.	1882 May 23.	O'MEARA, THOMAS FRANCIS ..	{ 15 Adelaide Street, Kingstown, co. Dublin.
1882 May 23.	1890 Apr. 15.	*ORANGE, FRANCIS .. ..	
1890 Apr. 15.	1882 May 23.	*ORANGE, JAMES .. ..	Danby, Leigh & Orange, Hong Kong.
* (1882 May 23.)	1890 Apr. 15.	*ORANGE, JAMES .. ..	Danby, Leigh & Orange, Hong Kong.
1896 Mar. 3.	1873 May 20.	{ ORCHARD, WILLIAM PATTERSON, B.E. .. ..	County Surveyor, Ballina, co. Mayo.
1873 May 20.	1879 Nov. 4.	ORMISTON, GEORGE EDWARD ..	
1879 Nov. 4.	1879 Feb. 4.	ORMSBY, ROBERT DALY .. ..	P. W. D., Colombo, Ceylon.
1879 Feb. 4.	1882 Jan. 10.	OSBORNE, JAMES .. ..	5 Clifton Gardens, Truro.
1882 Jan. 10.	1885 Feb. 10.	OSBURN, HENRY .. ..	24 Cedars Road, Clapham, S.W.
1885 Feb. 10.	1865 Apr. 4.	O'SHAUGHNESSY, JAMES EDWARD	{ Electric Tramways Co., Vepery, Madras.
1865 Apr. 4.	1894 Dec. 4.	O'SHAUGHNESSY, JAMES EDWARD	
1894 Dec. 4.	1875 Jan. 12.	OTTLEY, DREWRY GIFFORD ..	Co. Surveyor, Carrick-on-Shannon.
1875 Jan. 12.	1885 Nov. 10.	OTWAY, JAMES, B.A. .. ..	W'ford, Dungarvan & L. Ry., Waterford.
1885 Nov. 10.	1883 Feb. 6.	OWEN, GEORGE .. ..	Cambrian Railways, Oswestry.
1883 Feb. 6.	1867 Feb. 5.	OWEN, WILLIAM LANCASTER ..	26 Cornwall Gardens, S.W.
1867 Feb. 5.	1874 Jan. 13.	OWEN, WILLIAM LANCASTER ..	26 Cornwall Gardens, S.W.
1874 Jan. 13.	1882 Mar. 28.	OWEN, WILLIAM LANCASTER ..	26 Cornwall Gardens, S.W.
1882 Mar. 28.	1877 May 29.	PACKMAN, JONATHAN .. ..	Haling Ho., Waddon Rd., Croydon.
1877 May 29.	1881 May 24.	PACKMAN, JONATHAN .. ..	Haling Ho., Waddon Rd., Croydon.
1881 May 24.	1861 Dec. 3.	PADDON, JOHN BIRCH .. ..	Drymma, Neath, Glamorgan.
* (1861 Dec. 3.)	1871 Nov. 21.	PADDON, JOHN BIRCH .. ..	Drymma, Neath, Glamorgan.
1871 Nov. 21.	1875 Feb. 2.	*PAGE, GEORGE EDWARD .. ..	32 Bark Place, Bayswater Hill, W.
m (1875 Feb. 2.)	1891 May 12.	*PAGE, GEORGE EDWARD .. ..	32 Bark Place, Bayswater Hill, W.
1891 May 12.	1870 Feb. 1.	PAIN, ARTHUR CADLICK .. ..	17 Victoria Street, S.W.
1870 Feb. 1.	1877 May 8.	PAIN, ARTHUR CADLICK .. ..	17 Victoria Street, S.W.
1877 May 8.	1884 Dec. 2.	PALLISER, HARRY GEORGE ..	Supt. Eng., P.W.D., Karachi, India.
1884 Dec. 2.	1887 Apr. 5.	PALMER, CHARLES GEORGE ..	P.W.D., Ganges Canal, Meerut, India.
1887 Apr. 5.	1870 Dec. 6.	PALMER, GEORGE .. ..	Hyderabad, Deccan, India.
1870 Dec. 6.	1879 Nov. 11.	PALMER, GEORGE .. ..	Hyderabad, Deccan, India.
1879 Nov. 11.	* 1877 Feb. 6.	PARK, JOHN CARTER .. ..	{ 3 Ranworth Mansions, Campayne Gardens, S. Hampstead, N.W.
* 1877 Feb. 6.	1884 Feb. 5.	PARKER, CHARLES DONALD	
1884 Feb. 5.	1896 May 19.	NAPIER .. ..	Dock Works, Leith, N.B.
1896 May 19.	1886 Mar. 2.	PARKER, JOHN DUNLOP .. ..	146 West Regent St., Glasgow.
1886 Mar. 2.	1889 Jan. 8.	PARKER, THOMAS .. ..	Gorton House, Gorton, Manchester.
1889 Jan. 8.	1889 Dec. 3.	PARKER, THOMAS .. ..	Manor House, Tettenhall, Wolver-
1889 Dec. 3.	1883 May 29.	PARKER, WILLIAM .. ..	108 Fenchurch St., E.C. [hampton.
1883 May 29.	1882 Mar. 7.	PARKES, BENJAMIN, M.E., F.C.H.	{ H. S. King & Co., 45 Pall Mall, S.W.
1882 Mar. 7.	1891 May 12.	PARKES, BENJAMIN, M.E., F.C.H.	
1891 May 12.		PARKES, BENJAMIN, M.E., F.C.H.	S.W.

	Date of Election and of Transfer.	MEMBERS.	
✱	1880 Dec. 7.	*PARKES, CHARLES REGINALD ..	{ East Ferry Rd. Eng. Works, Mill- wall, E.
✱	1891 Nov. 3.		
✱	{ 1875 May 4.	PARRY, EDWARD .. .. .	28 Park Row, Nottingham.
	{ 1879 Mar. 4.		
	1875 Mar. 2.	PARRY, JOSEPH .. .. .	Municipal Offices, Liverpool.
	1887 Feb. 8.		
	1887 Dec. 6.	PARRY, WALTER .. .. .	{ Howrah Waterworks, Serampore, Bengal.
	1895 Oct. 22.		
	1881 May 31.	*PARSONS, Hon. CHARLES AL-	Holeyn Hall, Wylam-on-Tyne.
	1892 Dec. 13.	GERNON .. .. .	
MTm ✱	{ 1876 May 30.	*PARSONS, Hon. RICHARD	48 Princes Gardens, S.W.
	{ 1883 May 8.	CLERE, M.A. .. .. .	
	1892 Dec. 6.	PARSONS, WILLIAM BARCLAY ..	22 William St., New York, U.S.
	1874 Mar. 3.	PASKIN, JAMES ALKIN .. ..	Town Hall Chambers, Halifax.
	1869 May. 4.	PASSMORE, FRANK BAILEY ..	{ 5 Laurence Pountney Hill, E.C. (Knarf, London.)
	1879 Feb. 4.		
	1867 May 21.	PASSOS, Dr. FRANCISCO PEREIRA	34 Rua da Santa Luzia, Rio de
✱	{ 1876 Feb. 1.	PATERSON, MALCOLM McCUL-	35 Manor Row, Bradford. [Janciro.
	{ 1885 May 5.	LOCH .. .. .	
	1874 Feb. 3.	PATERSON, MURDOCH .. ..	Highland Railway, Inverness.
✱	{ 1852 Feb. 3.	PATERSON, PETER .. .. .	Estcourt, Weenan County, Natal.
	{ 1871 Dec. 19.		
	1881 Dec. 6.	PATERSON, THOMAS ORMISTON	{ Gasworks, Birkenhead. (Paterson, Birkenhead.)
✱	1893 Nov. 7.		
✱	1877 May 1.	PATTERSON, ROBERT CHARLES	Heathfield, Hobart, Tasmania.
	1883 May 1.		
	1889 Jan. 15.	*PAWLEY, RICHARD .. .. .	Alexandra Dock, Hull.
	1875 Feb. 2.	PAYNTER, LINDLEY WILLIAM ..	3 Marlborough Ter., Worthing.
	1887 Apr. 5.	PEACE, GEORGE HENRY .. ..	{ Monton Grange, Eccles, Manches- ter.
	1889 Dec. 17.		
	1884 Mar. 4.	PEACOCK, RALPH .. .. .	Gorton, Manchester. (Loco, Gorton.
	1861 Apr. 9.	PEARCE, JOHN CHARLES .. ..	Boston Spa, Tadcaster. [255.)
	1874 Apr. 14.	PEARSON, HENRY WILLIAM ..	Waterworks Office, Bristol.
	1886 Nov. 23.		
	1884 Dec. 2.	PEARSON, THOMAS WILLIAM ..	G.I.P. Ry., Bombay.
	1882 Feb. 7.	PEARSON, WILLIAM GREY .. ..	97 Cannon Street, E.C.
	1871 Mar. 7.	PENDLEBURY, JOHN .. .. .	Newfoundland Ry., 43 Threadneedle
	1874 Feb. 3.	PENN, JOHN, M.P. .. .. .	Greenwich, S.E. [St., E.C.
	1880 Jan. 27.		
t ✱	{ 1885 Feb. 3.	*PENNY, EDMUND .. .. .	King, King & Co., Bombay.
	{ 1891 Jan. 13.		
	1892 Dec. 6.	PENNY, LOUIS .. .. .	Gasworks, Bombay.
	1888 Dec. 4.	PENTLAND, AUGUSTUS TICH-	2 Tower Hill, Dalkey, co. Dublin.
	1893 Nov. 7.	BORNE, M.A. .. .. .	
✱	{ 1874 Jan. 13.	*PERRAM, GEORGE JAMES ..	P.W.D., Mandalay, Burma.
	{ 1885 Feb. 24.		
	1895 Dec. 3.	PERRIN, CHARLES .. .. .	Jesmond Villa, Naini Tal, N.W.P.
	1886 Dec. 7.	PERRY, CHARLES EDWARD ..	Victoria, British Columbia. [India.
	1892 Dec. 6.	PERRY, JAMES, M.E. .. ..	County Surveyor, Galway.
	1888 Apr. 10.	PETERS, CHARLES JASPER ..	6 Park Terrace, Hanwell, W.
	1874 Dec. 1.	PETERSON, PETER ALEXANDER	Canadian Pacific Ry., Montreal.
	1884 Feb. 5.		
	1894 Jan. 16.	*PETTIGREW, WILLIAM FRANK ..	Prior's Dene, Surbiton Hill.
	1890 Apr. 1.	PEW, ARTHUR .. .. .	Tumaco, U.S. Colombia.
	1890 Mar. 4.	PHILLAN, ALFRED BERNARD, B.A.	Irrigation Dept., Dadupur, India.
	1873 Feb. 4.	PHILLIPS, ARTHUR FREDERICK	{ Wood Mead, St. Albans. (2Phillips, St. Albans.)
	1883 Apr. 24.		
	1892 Dec. 6.	PHIPPS, CHRISTOPHER EDWARD	Madras Ry., Perambore, Madras.
	1880 May 4.	PHIL, CARL .. .. .	Christiania, Norway.
✱	1865 May 23.	PILKINGTON, WOODFORD ..	Rouse & Co., 130 Fenchurch St., E.C.
	1874 May 5.		
	1884 Dec. 2.	PIMENTEL, JOAQUIM GALDINO	Rua do Rezende 24, Rio de Janeiro.
	1892 Dec. 6.	PIRRIE, WILLIAM JAMES ..	Queen's Island, Belfast.

Date of Election and of Transfer.		MEMBERS.	
t	✠	{1877 Dec. 4.}	PITT, WALTER .. .. . Newark Foundry, Bath.
		{1885 Dec. 8.}	
		{1885 Dec. 1.}	PLATT, JAMES .. .. . Atlas Ironworks, Gloucester.
		{1888 May 15.}	PLATT, JOHN .. .. . Salford Ironworks, Manchester.
		{1884 Dec. 2.}	PLATTS, JOHN JOSEPH .. .. Waterworks, Odessa, Russia.
		{1891 Dec. 1.}	
		{1895 Jan. 22.}	POGSON, ALFRED LEE .. .. Harbour Works, Madras.
T t L	✠	{1840 Apr. 7.}	POLE, WILLIAM, F.R.S.S.L. & E. Athenæum Club, Pall Mall, S.W.
		{1856 Feb. 12.}	
		{1879 Mar. 6.}	* POLLARD, JOHN .. .. . {31 Old Queen Street, Westminster,
		{1895 Feb. 12.}	{S.W.
		{1885 Feb. 3.}	* POLLARD-URQUHART, MONTAGU {21 York Place, Edinburgh. (Meik,
		{1894 Feb. 20.}	{ALEXIS .. .. . Edinburgh.)
		{1865 May 23.}	PONTIFEX, EDMUND ALFRED .. 72 Cornwall Gardens, S.W.
		{1889 Apr. 30.}	
	✠	{1877 Dec. 4.}	POTTER, WILLIAM FURNISS .. 16 Park Row, Leeds.
		{1878 May 25.}	POTTINGER, JOHN CURWEN .. {Sanitary Eng. to Govt., P.W.D.,
		{1894 Oct. 16.}	{Poona, Bombay.
	✠	{1878 Feb. 5.}	* POWNALL, CHARLES ASSHETON {53 Victoria St., S.W. (Testudo,
		{WHATELY .. .. .}	{London. 3063.)
T t L	✠	{1859 May 24.}	{PREECE, WILLIAM HENRY, Gothic Lodge, Wimbledon, S.W.
		{1871 Dec. 5.}	{C.B., F.R.S... .. . (350, London.)
		{(Vice-President.)}	
		{1853 Feb. 1.}	PRENTICE, ALEXANDER .. .. English Rys., Lima, Peru.
		{1858 Apr. 27.}	
m		{1879 May 27.}	* PRESTON, ALFRED ELEY .. 14 The Exchange, Bradford, Yorks.
		{1889 May 21.}	
		{1867 Dec. 3.}	PRESTON, JOHN .. .. .
		{1885 Feb. 3.}	
		{1893 Dec. 12.}	PRICE, ALFRED DICKINSON, B.E. 44 Harcourt Street, Dublin.
		{1885 Dec. 1.}	PRICE, EDWARD BELLINGHAM, } P.W.D., Sydney, N.S.W.
		{1893 Nov. 7.}	{B.A. .. .. .}
t	✠	{1888 Dec. 4.}	PRICE, JAMES, B.A.I. .. .. Harbour Office, Lapp's Quay, Cork.
		{1882 Dec. 5.}	PRICE, JOHN .. .. . {6 Osborne Villas, Jesmond-on-
			{Tyne.
	✠	{1865 Dec. 5.}	PRICE, WILLIAM HENRY .. Chetwynd Place, Lichfield, Staffs.
T t W	✠	{1861 Apr. 9.}	PRICE-WILLIAMS, RICHARD .. {32 Victoria St., S.W. (Spandrel,
			{London.)
		{1863 Mar. 3.}	
		{1873 Dec. 6.}	PRINCE, HENRY .. .. . 11 Clanricarde Gardens, W. .
		{1883 May 29.}	PRINDLE, FRANKLIN COGSWELL {U.S. Navy Yard, Brooklyn, N.Y.,
			{U.S.
		{1884 May 6.}	PRITCHARD, EDWARD .. .. {1 Victoria St., S.W.; & 37 Waterloo
			{St., B'ham. (Pritchard, B'ham.)
		{1877 May 29.}	PROCTOR, JONAS .. .. . Mere Lawn, Bolton.
		{1868 May 5.}	
		{1876 May 9.}	PROCTOR-SIMS, RICHARD .. Bhavnagar, Kathiawar, India.
		{1883 Jan. 9.}	* PURDON, HENRY ATWELL .. {Gt. Southern Ry., Aguilas, Murcia,
		{1890 May 20.}	{Spain.
		{1860 Feb. 7.}	PURSER, EDWARD .. .. . Ottoman Railway, Smyrna.
		{1873 Feb. 4.}	
		{1879 Jan. 7.}	QUELCH, ROBERT JAMES .. 66 Bromfelde Road, Clapham, S.W.
		{1875 Dec. 7.}	
		{1882 Mar. 28.}	QUIGLY, RICHARD, M.A. .. {Dashwood House, Old Broad St.,
			{E.C. (Skewarch, London.)
	✠	{1870 Feb. 1.}	QUINETTE DE ROCHEMONT, } Rue de Marignan 18, Paris.
		{1883 May 22.}	{Baron EMILE THEODORE .. }
		{1863 Mar. 3.}	RADFORD, GEORGE KENT .. 2312 Warring St., Berkeley, Cal., U.S.
		{1849 Apr. 3.}	RADFORD, WILLIAM .. .. 19 Brasenose Street, Manchester.
		{1876 Apr. 4.}	RAMSAY, JAMES .. .. . Reform Club, Pall Mall, S.W.

	Date of Election and of Transfer.	MEMBERS.	
	1866 Apr. 10.	RAMSBOTTOM, JOHN .. ..	Fernhill, Alderley Edge, Cheshire.
	1881 Apr. 5.	RAMSDEN, JOHN .. ..	1 Ruskin Road, Crewe.
	1864 Mar. 1.	RANSOME, ALLEN .. ..	Stanley Works, Chelsea, S.W. (8578.)
	1877 May 29.		
T t	† { 1863 Apr. 14.	RAPIER, RICHARD CHRISTOPHER	{ 32 Victoria Street, S.W. (Ran- somes Rapier, London.)
	1877 Apr. 17.		
	† { 1848 Mar. 7.	RAWLINSON, Sir ROBERT,	11 The Boltons, S.W. [S.W.]
	1866 Apr. 17.		
	1895 Jan. 8.	RAWORTH, JOHN SMITH .. ..	46 Christchurch Rd., Streatham Hill,
	1891 Feb. 3.	REA, SAMUEL .. ..	233 So. Fourth St., Philadelphia, U.S.
	1887 May 24.	REAY, THOMAS PURVIS .. ..	Airedale Foundry, Leeds.
T t	† { 1839 Feb. 26.	REDMAN, JOHN BALDRY .. ..	493 New Cross Road, S.E.
	1846 Mar. 3.		
	1873 Dec. 2.	REE, HENRY STRUTT COLLETTE	{ St. Stephen's Club, Westminster. S.W.
	1885 Dec. 1.		
L	1870 Mar. 1.	{ REED, Sir EDWARD JAMES,	Broadway Chambers, Westr., S.W.
		{ K.C.B., F.R.S. .. ..	[Carnage, London.] [Cardiff.]
	1885 Dec. 1.	REES, ITHEL TREHARNE .. ..	Guildhall Chams., Cardiff. (Mining,
	1879 Feb. 4.	REES, TOGARMAH .. ..	{ Corn Exchange Chambers, Newport, Mon.
	1886 May 11.		
	1876 Jan. 11.	REICHENBACH, OSCAR .. ..	38 Hova Villas, Thurlow House,
	1880 Apr. 13.	REID, GEORGE LOWE .. ..	Brighton.
	1868 Apr. 7.		
	1881 Dec. 6.	REID, HENRY DAVID ALEXAN-	33 Montpellier Crescent, Brighton.
	1893 Mar. 21.	DER .. ..	Arica & Tacna Ry., Tacna, Chili.
	1886 Mar. 2.	*REID, KENNETH .. ..	{ Costa Rica Railway, San José, Costa Rica.
	1895 Oct. 22.		
T t	† { 1864 Dec. 6.	REILLY, Professor CALLCOTT ..	{ Royal Indian Eng. Coll., Staines. (Reilly, Englefield Green.)
	1870 May 10.		
	1862 May 6.	{ RENDEL, Sir ALEXANDER	8 Great George Street, S.W. (Suk- kur, London. 3052.)
		{ MEADOWS, K.C.I.E., M.A. ..	
W t	† { 1863 Apr. 14.	RENDEL, GEORGE WIGHTWICK	Villa Maraval, Posilipo, Naples.
	1882 Feb. 7.		
	1888 Nov. 27.	RENDEL, WILLIAM STUART ..	8 Great George Street, S.W.
	1888 Dec. 4.	RENDELL, ALAN WOOD .. ..	21A Goldhurst Ter., Hampstead, N.W.
t	† { 1857 Mar. 3.	RENNIE, GEORGE BANKS .. ..	20 Lowndes Street, S.W.
	1860 Mar. 6.		
	† 1886 May 18.	RESTLER, JAMES WILLIAM ..	{ Southwark & Vauxhall Water Co., Southwark Bridge Road, S.E.
	1858 Apr. 13.	RETOITILLO, ANGEL .. ..	Madrid.
	1879 May 6.	*REYNOLDS, GEORGE BERNARD	Grindlay's, 55 Parliament St., S.W.
	1892 Nov. 22.		
t L	† 1883 Dec. 4.	{ REYNOLDS, Professor OSBORNE,	Fallowfield, Manchester.
		{ M.A., LL.D., F.R.S. .. ..	
	1875 Dec. 7.	REYNOLDS, PLAYFORD .. ..	P.W.D., Dharwar, Bombay.
	1883 Nov. 6.		
	1868 Apr. 7.	REYNOLDS, ROBERT .. ..	Grindlay's, 55 Parliament St., S.W.
	1878 Dec. 3.		
t	† { 1873 May 20.	RHIND, ROBERT HUNTER .. ..	{ Darjeeling House, Church Road, Hanwell, W.
	1876 Nov. 28.		
	1890 May 6.	RHODES, CHARLES EDWARD ..	Aldwarke Main Colliery, Rotherham.
	1887 Dec. 6.	RHODES, JOHN HENRY HORACE	92 Albion Street, Leeds.
	1893 Nov. 7.	WENTWORTH .. ..	
	1871 May 2.	RICE, JAMES .. ..	Vellore, North Arcot, Madras.
	1883 Nov. 20.		
	1878 May 7.	RICHARD, HENRY JOSEPH ..	P.W. Secretariat, Rangoon, Burma.
	1889 Nov. 15.		
	1881 Apr. 5.	RICHARDS, EDWARD WINDSOR	Low Moor Ironworks, Bradford.
	1887 Jan. 11.	RICHARDS, THOMAS .. ..	{ Nundydroog Co., Oorgaum, Mysere, India.
	1865 Feb. 7.	RICHARDSON, JOHN .. ..	Methley Park, Leeds.
	1879 Feb. 4.		
C	† 1894 Apr. 3.	RICHARDSON, JOHN .. ..	Globe Works, Lincoln.

Date of Election and of Transfer.		MEMBERS.	
1872 Dec. 3.	}	RICHARDSON, WILLIAM PELHAM	7 Goldhurst Ter., Hampstead, N.W.
1887 Oct. 25.			
1879 Mar. 4.	}	RICHES, TOM HURRY .. ..	{Taff Vale Railway, Cardiff. (Loco- motive, Cardiff.)}
1882 Jan. 10.			
1868 Apr. 7.		RICHMOND, DAVID, B.A. ..	Victoria Pl., Warrenpoint, co. Down.
1876 May 2.		RICHMOND, JAMES .. ..	P.W.D., Kingston, Jamaica.
1891 Nov. 3.			
✱ (1865 May 23.)	}	RIDINGS, HENRY SADLEIR, M.A.	Nitrate Railway, Iquique, Chili.
(1874 Nov. 24.)			
t ✱ (1866 Dec. 4.)	}	RIDLEY, WILLIAM .. ..	39 Victoria Street, S.W.
(1874 Nov. 17.)			
1876 Feb. 1.		RIGBY, JASON, B.A. .. ..	{Rosario Ry., Av. de Mayo 748, Buenos Ayres.
1883 Mar. 13.			
1872 May 14.		RIGG, HENRY .. ..	{Consulting Eng. for Rys., Lucknow, India.
1882 Nov. 7.			
1889 Dec. 3.		RINECKER, FRANCIS .. ..	Würzburg, Germany.
1893 Dec. 5.		RIPPER, <i>Professor</i> WILLIAM ..	Technical School, Sheffield.
1878 Mar. 5.	{	{ROBERTS, RICHARD HENRY LLEWELLIN .. ..	Swaziland, Gucrnsey.
1854 Mar. 7.			
1870 May 3.		ROBERTS, SAMUEL USSHER, C.B.	6 Clyde Road, Dublin.
1879 Mar. 25.		ROBERTS, WILLIAM .. ..	13 Craven Hill Gardens, W.
t ✱ (1874 Dec. 1.)	}	ROBERTSON, FREDERICK EWART, C.I.E. .. ..	East Indian Railway, Calcutta.
(1890 Feb. 25.)			
1887 Feb. 1.		ROBERTSON, JAMES ROBERT ..	L. T. & S. Ry., Hornchurch, Essex.
1893 Apr. 18.			
✱ (1886 May 4.)	}	*ROBERTSON, ROBERT, B.Sc. ..	154 West George St., Glasgow.
(1894 Dec. 11.)			
1869 Mar. 2.		ROBERTSON, ROBERT ANDREW	8 Park Circus Place, Glasgow.
1878 May 14.			
1893 Dec. 5.		ROBINOW, FRANK .. ..	Prince's Chambers, Pall Mall, S.W.
1867 Feb. 5.		ROBINS, CHARLES .. ..	29 West End Lane, Hampstead, N.W.
1872 May 7.		*ROBINSON, CHARLES EDWARD	Richmond Lodge, Torquay.
1885 Dec. 15.			
1875 Apr. 6.		ROBINSON, FRANK EDWARD ..	13 Victoria Street, S.W.
1895 Jan. 8.			
t ✱ (1864 Feb. 2.)	}	ROBINSON, <i>Professor</i> HENRY ..	13 Victoria Street, S.W.
(1868 Feb. 18.)			
T t ✱ (1866 Mar. 6.)	}	ROBINSON, JOHN .. ..	8 Vicarage Terrace, Kendal.
(1872 Apr. 30.)			
✱ 1872 Apr. 9.		ROBINSON, JOHN .. ..	Westwood Hall, Leek.
1896 Jan. 14.		ROBINSON, JOHN FREDERICK ..	Atlas Works, Glasgow.
1893 May 2.		ROBINSON, MARK HEATON ..	{Chatley, Fassett Road, Kingston-on- Thames.
1861 May 28.		ROBINSON, MURRELL ROBINSON	95 Philbeach Gardens, S.W.
1870 May 24.			
1876 Dec. 5.		ROBINSON, ROBERT .. ..	Darlington.
1870 Dec. 6.		ROBINSON, WILLIAM ROBERT	{H. S. King & Co., 65 Cornhill, E.C. Public Offices, Dyne Rd., Kilburn, N.W.
1885 May 19.			
1895 May 14.		*ROBSON, OLIVER CLAUDE ..	{L. C. & D. Ry., Victoria Station, S.W. 8 Victoria St., S.W. (Filliter Rofe, London.)
1875 May 11.		ROCHE, GEORGE BYLAND ..	
1878 May 7.		ROFE, HENRY .. ..	Foster Hill Road, Bedford.
✱ 1878 May 7.		ROFF, GEORGE LENTON .. ..	Govt. Rys., Cradock, Cape Colony.
1880 Dec. 7.		ROSE, WILMOT JAMES .. ..	M. S. & L. Ry., Manchester.
1880 May 25.		ROSS, ALEXANDER .. ..	
1882 Dec. 5.		ROSS, DAVID JAMES .. ..	Engineer's Office, Guildhall, E.C.
1895 Jan. 15.			
1886 Jan. 12.		ROTHERAM, THOMAS FORTH ..	Loco. Supt., Rys., Wellington, N.Z.
1860 Apr. 3.		ROUSE, HENRY JAMES .. ..	13 Sussex Pl., Regent's Park, N.W.
1894 Jan. 9.		ROUTH, REGINALD SAMUEL JOHN	Assam-Bengal Ry., Gouhati, Assam.
1895 Feb. 5.		ROUTLEDGE, WILLIAM HENRY	The Rhyd, Tredegar, Mon.
1872 May 7.		ROWAN, DAVID .. ..	231 Elliot Street, Glasgow.



Date of Election  
and of Transfer.

## MEMBERS.

	1855 Dec. 4.}	ROWE, RICHARD REYNOLDS ..	{ Park House, Cambridge. (Rowe, Parksides, Cambridge.) [N.W.]
+	1859 Mar. 29.}	ROWLANDSON, CHARLES ARTHUR	{ M. S. & L. Ry., 35 Harewood Sq., 20 Park Row, Leeds. (Walter Rowley, Leeds.)
	1884 Dec. 2.	ROWLEY, WALTER .. .. .	{ 43/1 Bhowany Churn, Dutts Lane, Calcutta.
	1883 Dec. 4.	ROY, MADHUBCHUNDER, B.A.	{ 9 Victoria Street, S.W.
	1863 Apr. 14.}	RUMBALL, ALFRED .. .. .	{ 8 Union Court Chambers, Old Broad Street, E.C.
	1866 Dec. 17.}	RUMBALL, THOMAS .. .. .	{ 31 Spring Gardens, S.W.
	1854 May 2.}	RUMSBY, ERNEST JAMES ..	{ 1 Park Hill, Ealing, W.
	1866 Apr. 10.}	RUNDALL, JAMES WILLIAM ..	{ 15 Victoria Street, S.W.
	1881 Dec. 6.	RUSSELL, JOHN .. .. .	{ 65 New Broad Street, E.C.
	1886 Apr. 6.	RUSSELL, MACNAMARA ..	{ 39 Coleman St., E.C.
	1885 Feb. 3.	RUSSELL, NORMAN SCOTT ..	{ City Engineer, Winnipeg, Canada.
	1888 Feb. 7.	RUTTAN, HENRY NORLANDE ..	{ 22 Nassau St., Dublin. (Mico, Dublin.) [Victoria Street, S.W.]
	1884 May 6.	RYAN, JOHN HENRY, M.A. ..	{ c/o Agent-General for N.S.W.,
	1887 Dec. 6.	RYAN, ROBERT HENRY .. ..	
	1894 May 1.	SADLER, HENRY WILLIAM ..	{ 16 Castle Gate, Nottingham.
+	(1877 Feb. 6.}	ST. GEORGE, PERCIVAL WALTER	{ City Engineer, Montreal, Canada.
	1887 Feb. 1.}	SAISE, WALTER, D.Sc., A.R.S.M.	{ E. I. Ry., Giridih, Bengal.
+	1876 Feb. 1.	SALMOND, THOMAS ROSS ..	{ Park House, Antrim Rd., Belfast.
	1878 Apr. 2.}	SALTER, JOHN .. .. .	{ 5 Raleigh Road, Exeter.
	1879 Apr. 8.}	SAMPSON, JOHN .. .. .	{ 41 Effra Road, Brixton, S.W.
	1888 Dec. 4.}	{ SAMUELSON, <i>Right Hon. Sir</i>	{ 56 Prince's Gate, S.W.
T t +	1869 May 4.}	{ BERNHARD, <i>Bart.</i> , F.R.S.	
	1882 Dec. 5.}	SAMUELSON, ERNEST .. ..	{ Bodicote Grange, Banbury.
	1893 Mar. 14.}	SAMUELSON, MARTIN .. ..	{ Hull.
	1862 Dec. 2.}	SANDBERG, CHRISTER PETER ..	{ 19 Great George Street, S.W.
T t +	(1866 Dec. 4.}	SANDEMAN, JOHN WATT .. ..	{ 2 St. Nicholas Bldgs., Newcastle-on-
	1873 Feb. 4.}	SANDIFORD, CHARLES .. ..	{ N. W. Ry., Lahore, India. [Tyne.
	1881 Feb. 1.}	{ SANKRY, <i>Capt.</i> MATTHEW HENRY	{ Bawinmore, Arterberry Road, Wium-
T t +	1895 Feb. 5.}	{ PHINEAS RIAL, <i>late</i> R.E. ..	{ Medou, S.W.
	1882 Dec. 5.	SANTOS, JOSÉ AMÉRICO DOS ..	{ Caixa 748, Rio de Janeiro.
+	(1876 Jan. 11.}	* SAWYER, ERNEST EDWARD, M.A.	{ 9 Bridge St., Westminster, S.W.
	1880 Dec. 21.}	SAWYER, FREDERIC HENRY READ	{ Mirrlees, Watson & Co., 45 Scotland St., Glasgow.
	1877 May 29.}	SCARR, PERCY .. .. .	{ Roads&Bridges Dept., Sydney, N.S.W.
	1887 Nov. 15.}	SCHENK, AUGUSTUS OSWALD ..	{ Harbour Office, Swansea.
	1894 May 22.}	{ SCHNOOR, EMILIO ARMANDO	{ São Paulo Ry., São Paulo, Brazil.
	1885 May 19.}	{ HENRIQUE .. .. .	
	1896 Feb. 4.}	SCHIAM, JOHN RICHARD .. ..	{ 17A Great George St., S.W. [U.S.]
	1888 Jan. 10.}	SCHUYLER, JAMES DIX .. ..	{ 1818 S. Flower St., Los Angeles, Cal.,
	1891 Feb. 3.}	SCOONES, THOMAS JAMES ..	{ 8 Unity St., College Green, Bristol.
	1883 Dec. 4.}	SCOTT, JOHN, C.B. .. .. .	{ Carlsdyke, Greenock, N.B.
	1888 Feb. 21.}	SCOTT, PETER .. .. .	{ S. Mahatma Ry., Dharwar, Bombay.
	1870 May 3.}	SCOTT, WALTER HENRY .. ..	{ Gt. Western Ry., Pernaubuco, Brazil. [Italia.]
	1872 May 7.}	SCOTT, WILLIAM .. .. .	{ 38 King William St., Adelaide, S. Aus-
	1879 Dec. 2.}	SCOTT, WILLIAM BELLHOUSE ..	{ Eversley Cottage, Middleton, Lancs.
	1891 Feb. 3.}	SCOTT, WILLIAM GEORGE ..	{ Central Station, Liverpool.
	1870 Dec. 6.}		
	1877 Oct. 30.}		

Date of Election and of Transfer.	MEMBERS.	
1873 Jan. 14.	{	SCOTT, WILLIAM HENRY .. Casterton, Victoria.
1885 Dec. 15.		
1885 Dec. 1.	{	SEATON, ALBERT EDWARD, Earle's Shipbuilding Co., Hull. Wh. Sc. .. .. . (Seaton, Earle's, Hull.)
1881 Jan. 11.		
1892 Mar. 15.	{	SEATON, EDWARD PARKE .. Abbey Bldgs., Princes St., West- minster, S.W.
1880 Dec. 7.		
1884 May 6.	{	SELFE, NORMAN .. .. . 183 Pitt Street, Sydney, N.S.W.
1887 Dec. 6.		
1851 Dec. 2.	{	SELLERS, Prof. COLEMAN, D.E. 3301 Baring St., Philadelphia, U.S.
1878 Jan. 15.		
1882 Feb. 7.	{	SELLERS, WILLIAM .. .. . Philadelphia, U.S.
1895 Nov. 5.		
1864 Feb. 2.	{	SELLS, CHARLES .. .. . Springfield, Crouch House Lane, Edenbridge, Kent.
1878 Feb. 5.		
1896 Feb. 11.	{	*SELLS, CHARLES DE GRAVE .. Ansaldo & Co., Sanpierrez, Italy.
1879 Mar. 4.		
1889 Feb. 26.	{	SEWELL, PHILIP EDWARD .. Clare House, Norwich.
1877 May 29.		
1890 Nov. 11.	{	SEWELL, WILLIAM .. .. . Green Head House, Chapelton, Sheffield.
1857 Dec. 1.		
1874 Mar. 17.	{	SEYMOUR, GEORGE .. .. . 13 St. Helen's Place, E.C. (Basera, London.)
1893 Dec. 5.		
1872 May 14.	{	SEYRIG, THEOPHILUS .. .. . 43 Rue de Rome, Paris.
1884 Mar. 11.		
1880 May 4.	{	*SHADBOLT, ERNEST IFILL .. Grindlay, Groom & Co., Bombay.
1896 Feb. 25.		
1862 Feb. 4.	{	SHAND, JAMES .. .. . Parkholme, Elm Park Gardens, S.W.
1876 Jan. 11.		
1877 Dec. 4.	{	SHANKLAND, EDWARD CLAPP { D. H. Burnham & Co., The Rookery, Chicago, Ill., U.S.A.
1882 Feb. 14.		
1885 Dec. 1.	{	SHANKS, ARTHUR .. .. . Fairmile, Cobham, Surrey.
1891 Dec. 8.		
1845 May 6.	{	*SHARP, FREDERICK .. .. . H. S. King & Co., 65 Cornhill, E.C.
1877 May 8.		
1885 Dec. 1.	{	SHARP, JOSEPH FOX .. .. . The Park, Hull.
1894 Nov. 6.		
1856 Apr. 1.	{	SHAW, ARTHUR EDMUND .. { Woolley & Co., Calle Piedad 345, Buenos Ayres.
1859 Dec. 6.		
1882 Dec. 5.	{	SHEARD, CHARLIE KILNER ..
1892 May 3.		
1888 Feb. 7.	{	*SHEARS, WILLIAM .. .. . 23 Kempshott Road, Streatham, S.W.
1893 Apr. 18.		
1875 Dec. 7.	{	SHEDLOCK, OCTAVIUS JAMES.. Grindlay's, 55 Parliament St., S.W.
1882 Nov. 7.		
1840 Apr. 14.	{	SHELDON, FRANCIS WEBB WENT- Brentwood, Sholing, Southampton.
1867 Apr. 2.		
1881 Jan. 11.	{	SHELFORD, WILLIAM .. .. . 35A Great George Street, S.W.
1866 Jan. 9.		
1870 Dec. 6.	{	SHELDON, WILLIAM .. .. . (Usefulness, London.)
1871 Mar. 7.		
1879 Jan. 14.	{	*SHELLSHEAR, WALTER .. .. . Ry. Dept., Goulburn, N.S.W.
1889 May 7.		
1896 Feb. 4.	{	SHERLOCK, HENRY ALEXANDER { G. E. Ry., Cambridge.
1864 Feb. 2.		
1876 May 9.	{	SHERMAN, WILLIAM HANBURY Grindlay, Groom & Co., Bombay.
1896 Feb. 4.		
1867 Apr. 2.	{	SHERRARD, JAMES CORRY .. 7 Oxford Square, Hyde Park, W.
1881 Jan. 11.		
1866 Jan. 9.	{	SHERVINTON, THOMAS ROBERT { 3 Marlborough Mansions, Victoria Street, S.W.
1870 Dec. 6.		
1871 Mar. 7.	{	SHEWARD, EDWARD GOODMAN { 60 Harold Road, Upper Norwood, S.E.
1879 Jan. 14.		
1889 May 7.	{	SHIELD, HENRY .. .. . Fawcett, Preston, & Co., Liverpool.
1896 Feb. 4.		
1864 Feb. 2.	{	*SHIELD, WILLIAM, F.R.S.E. .. Admiralty Works, Peterhead, N.B.
1876 May 9.		
1896 Feb. 4.	{	SHIELD, WILLIAM .. .. . 19 North Side, Clapham Common, S.W.
1864 Feb. 2.		
1876 May 9.	{	SHIPP, WILLIAM .. .. . G.I.P. Ry., Bombay.
1896 Feb. 4.		
1864 Feb. 2.	{	SHOOLBRED, JAMES NELSON, B.A. 47 Victoria Street, S.W.
1876 May 9.		
1896 Feb. 4.	{	SHOPLAND, JAMES REW .. .. . Swindon, Wilts.
1876 May 9.		

Date of Election and of Transfer.		MEMBERS.
1877 Dec. 4.)		
1890 Mar. 18.)	*SHORES, JOHN WALLIS .. ..	{Johannesburg Ry., Charlestown, Natal.
1877 May 1.)		
1893 Mar. 28.)	SHORTT, CHARLES HENRY .. ..	4 Westcombe Hill, Blackheath, S.E.
1887 Dec. 6.)		
1896 Mar. 31.)	*SIBBERING, GEORGE THOMAS ..	{Brynawel, Park Road, Barry. Cardiff.
t ✚ { 1869 Feb. 2.)	SICCAMA, HARCO THEODORUS ..	{St. Stephen's Club, Westminster, S.W.
1879 Jan. 28.)	HORA .. .. .	
1873 Feb. 4.)		
1890 Nov. 25.)	*SIEMENS, ALEXANDER .. ..	{12 Queen Anne's Gate, S.W. (Sie- mens, London. 3099.)
T t ✚ { 1870 May 24.)	SIEMENS, CARL .. .. .	
1879 Feb. 4.)	SILVA, DOMINGOS SERGIO DE)	
1888 Feb. 14.)	SABOIA E .. .. .	{Rua do Riachuelo 125, Rio de Janeiro.
1880 Feb. 3.)		
1891 Dec. 8.)	SIM, CHARLES LOUIS .. ..	Jaunpur, N.W.P., India.
1879 Mar. 4.)		
1892 Nov. 8.)	*SIMEON, LIONEL BARRINGTON	33 Montpellier Villas, Cheltenham.
1883 May 1.)		
1890 Nov. 11.)	SIMMONS, JOHN .. .. .	1 Prince's Street, Doncaster.
1881 May 3.)	SIMON, FREDERICK .. .. .	24 Sutherland Gds., Harrow Rd., W.
✚ 1887 Dec. 6.)	SIMON, HENRY .. .. .	20 Mount St., Manchester. (Reform, Manchester.)
1868 Feb. 4.)		
1874 Apr. 14.)	SIMPSON, ARTHUR TELFORD ..	38 Parliament St., S.W.
1875 Jan. 12.)		
1888 Jan. 17.)	SIMPSON, BENJAMIN CRISPIN ..	{Norwich Chambers, Hunter Street, Sydney, N.S.W.
1882 May 2.)		
1893 Feb. 7.)	SIMPSON, DAVID CARNEY ..	Govt. Rys., Redfern, Sydney, N.S.W.
1864 Jan. 12.)		
1874 Mar. 17.)	SIMPSON, JAMES CARRINGTON	89 Finchley Road, N.W.
1885 May 19.)	SIMPSON, JAMES THOMAS ..	P.W.D., Henzada, Burma.
1870 Feb. 1.)	SIMPSON, JOHN BELL .. ..	Bradley Hall, Wylam-on-Tyne.
1858 Apr. 13.)	SINCLAIR, ROBERT .. .. .	17 St. Helen's Place, E.C.
1879 Dec. 2.)		
1885 Nov. 10.)	SINGLE, JOHN GODFREY .. ..	1 The Esplanade, Plymouth.
1876 Mar. 7.)		
1888 Nov. 27.)	*SKETCHLEY, HENRY GOULTON	F. C. del Sud, Buenos Ayres.
1858 Feb. 2.)		
1868 Mar. 17.)	SLEATER, JOHN MONTGOMERY	{B.B. & C.I. Ry. Co., 45 Finsbury Circus, E.C.
1861 Dec. 3.)		
1865 Jan. 17.)	SLESSOR, FREDERICK GEORGE	Monkton Manor, Pinhoe, Exeter.
1888 Feb. 7.)	SMAIL, JOHN MOORE .. ..	{Water Supply & Sewerage Dept., Sydney, N.S.W.
1882 Dec. 5.)		
1888 Nov. 20.)	SMITH, EDMUND CASWELL)	
1876 May 30.)	BOWYER .. .. .	{Albury, N.S.W.
1878 May 14.)		
1885 Jan. 13.)	SMITH, ALEXANDER .. ..	3 Newhall St., Birmingham.
1895 Oct. 22.)		
1877 Feb. 6.)	SMITH, CHARLES WALTER ..	{Water Supply, Pitt St., Sydney, N.S.W.
1891 Jan. 27.)		
1889 May. 7.)	SMITH, EDWARD BLAKEWAY ..	Etruria, Stoke-on-Trent.
1895 Mar. 26.)	*SMITH, EDWARD MARTIN ..	{L. & N.W. Ry., Vauxhall, Birming- ham.
1872 May 7.)		
1879 Nov. 11.)	SMITH, FRANCIS FREDERICK ..	So. I. Ry., Trichinopoly, India.
1888 Feb. 7.)	SMITH, HAMILTON .. .. .	{Exploration Co., 50 St. Swithin's Lane, E.C.
1884 Dec. 2.)		
1893 Nov. 14.)	SMITH, HENRY .. .. .	101 Grosvenor Road, S.W.
1887 Feb. 1.)		
1889 May 14.)	SMITH, HENRY BADELEY ..	Rossland, British Columbia.
1881 Dec. 6.)		
1896 Mar. 17.)	*SMITH, HERBERT BLOMFIELD	Govt. Inspector of Rys., Jamaica.
1880 May 25.)	SMITH, Hon. JAMES THORNELOE	The Laurels, Toowoomba, Queens- land.
✚ { 1874 May 12.)		
1889 Mar. 5.)	SMITH, JAMES WILLIAM .. ..	Municipal Office, Bombay.

Date of Election  
and of Transfer.

## MEMBERS.

✦	1868 Mar. 3.	SMITH, JOSIAH TIMMIS .. ..	Rhine Hill, Stratford-on-Avon.
✦	{ 1866 May 1. 1874 May 5.	SMITH, MARCUS .. ..	Ottawa, Canada.
	1875 Apr. 6.	SMITH, THOMAS TAYLOR ..	Broadwood Park, Durham.
✦	{ 1885 Dec. 1. 1892 Nov. 1.	SMITH, WALTER ALEXANDER	{ Roads & Bridges Dept., Sydney, N.S.W.
✦	1874 Jan. 13.	SMITH, WILLIAM .. ..	{ Gatelands, South Drive, Victoria Park, Wavertree, Liverpool.
✦	1884 Dec. 2.	SMITH, WILLIAM ROSE .. ..	3 Laurence Pountney Hill, E.C.
	1877 Jan. 16.	SMITH, WILLIAM ARCHIBALD ..	{ F. C. Puerto Cabello, Valencia Venezuela.
	1889 Jan. 15.	SMYTH, WILLIAM STOPFORD ..	Alexandra Dks., Newport, Mon.
	1864 Dec. 6.	SMYTH, THOMAS DIXON ..	Estn. del Baron, Valparaiso, Chili.
	1889 Mar. 5.	SNEYD-KYNNERSLEY, HENRY	County Surveyor, Moot Hall, New-
	1877 Dec. 4.	FRANCIS .. ..	castle-on-Tyne.
	1885 Dec. 22.	SOARES, JOÃO TEIXEIRA .. ..	Banco do Commercio, Rio de Janeiro.
	1883 Mar. 6.	SOPWITH, ARTHUR .. ..	Chasetown, Walsall.
W t	1880 Apr. 6.	SOPWITH, THOMAS .. ..	{ 16 Great George Street, S.W. (Sop-
T m	{ 1864 Mar. 1. 1869 Dec. 7.	SOPWITH, THOMAS .. ..	with, London. 3175.)
	1875 May 4.	{ SPAGNOLETTI, CHARLES ERNEST PAOLO DIANA .. ..	Bishop's Road Station, W.
	1879 Dec. 2.	SPALDING, WILLIAM HENRY ..	South Indian Ry., Trichinopoly.
✦	1867 Dec. 3.	SPENCER, JOHN FREDERICK ..	{ 91 Haworth's Buildings, Manches-
	1882 May 23.	SPOONER, CHARLES EDWIN, B.E.	ter. (Concentration, Manchester.)
	1896 May 12.		{ P.W.D., Kwala Lumpor, Selangore, S.S.
	1895 Mar. 5.	SPRAGUE, FRANK JULIAN ..	15 Wall Street, New York, U.S.
	1881 Dec. 6.	SPRING, FRANCIS JOSEPH	Consulting Eng. to Govt. for Rys.,
	1885 May 19.	EDWARD, C.I.E. .. ..	Shillong, Assam.
	1889 May 7.	*SQUIRE, WILLIAM WILKINSON	Port Trust, Bombay.
	1882 Feb. 7.	STABLES, HENRY LEONARD ..	{ Royal Colonial Institute, Northum-
	1885 Feb. 3.		berland Avenue, W.C.
	1877 Dec. 4.	STAFFORD, FREDERICK .. ..	{ Midland Railway, Perth, Western Australia.
	1884 Oct. 14.		Broadway Testing Works, West-
	1874 Feb. 3.	STANGER, WILLIAM HARRY ..	minster, S.W. (3117.)
	1890 Nov. 11.	STANLEY, HENRY CHARLES ..	Rv. Dept., Brisbane, Queensland.
	1877 May 29.	STANLEY, WALMSLEY .. ..	{ The Knowle, Leigham Court Road, Streatham, S.W.
	1859 Dec. 6.	STANTON, JOHN HARRISON ..	Stubbs House, Winston, Darlington.
	1860 Dec. 4.	{ STANTON, ROBERT BREWSTER, M.A. .. ..	Coronado, California, U.S.
	1892 Dec. 6.		{ 12 Tribune Building, New York, U.S.
	1883 Dec. 4.	STAUFFER, DAVID McNEELY ..	
	1890 Dec. 2.	{ STAVELIUS, HYALMAR FRED- ERICK .. ..	Calle Cangallo 1073, Buenos Ayres.
m	{ 1878 Apr. 2. 1884 Nov. 25.	STAYTON, GEORGE HENRY ..	1 The Avenue, Bedford Park, W.
	1870 Feb. 1.	STEAD, WALKER .. ..	County Surveyor, Northallerton.
	1881 May 3.	{ STEAVENSON, ADDISON LANG- HORNE .. ..	Durham.
	1892 Dec. 6.		
	1840 Mar. 17.	STEEL, T. DYNE .. ..	Skinner Street, Newport, Mon.
	1854 Nov. 27.		
	1864 May 24.		
	1876 May 30.	STENT, SYDNEY .. ..	43 St. George's St., Cape Town, C.C.
	1883 May 2.		
✦	{ 1875 Dec. 7. 1889 Nov. 5.	*STENT, WILLIAM KITSON ..	Grindlay, Groom & Co., Bombay.
	1881 Jan. 11.	*STEPHENS, GEORGE HENRY ..	Grindlay's, 55 Parliament St., S.W.
	1894 Jan. 9.	{ STEPHENSON, GEORGE RO- BERT (Past-President) ..	Ben Braich, Tilehurst Rd., Reading.
	1853 May 24.		

Date of Election and of Transfer.		MEMBERS.	
	1883 Feb. 6.	STEVENS, HENRY WANSBOROUGH	Dist. Eng., Mozufferpore, Bengal.
	1875 Dec. 7.	STEVENS, WILLIAM .. ..	Bygholm, Bjerget, North Jutland.
† m	† { 1887 Feb. 1. }	STEVENS, CHARLES ALEX-	84 George Street, Edinburgh.
	† { 1891 Apr. 28. }	ANDER, B.Sc., F.R.S.E. ..	
	† { 1884 May 6. }	STEVENS, DAVID ALAN, B.Sc.,	
	† { 1886 Dec. 7. }	F.R.S.E. .. ..	
	1881 Mar. 1.	STEVENS, EDMUND HERBERT	38 Parliament Street, S.W.
	1889 Jan. 22.		
	1881 Mar. 1.	STEVENS, FLETCHER WILSON	{ United Gas Co., Commercial Street,
	1889 Jan. 22.		{ Sheffield. (Gas, Sheffield.)
	1867 Feb. 5.	STEVENS, FRANCIS .. ..	L. & N. W. Ry., Euston Station, N.W.
†	† { 1877 Dec. 4. }	STEVENS, GEORGE ERNEST ..	{ Rochdale Road Gasworks, Man-
	† { 1889 Jan. 22. }		
	1875 Dec. 7.	STEWART, HOUSTON STEWART	9 Bridge Street, Westminster, S.W.
	1893 Feb. 21.		
	1868 Jan. 14.	STEWART, JAMES .. ..	Auckland, N.Z.
	1877 Mar. 27.		
	1880 May 25.	STEWART, JOHN TIFFIN .. ..	Hanmoana, Aramoho, Wanganui, N.Z.
	1880 Feb. 3.	STEWART, STAIR AGNEW ..	Bournehall Cottage, Bushey, Herts.
m	† { 1883 Feb. 6. }	*STEWART, THOMAS .. ..	{ 6 St. George's Chambers, Cape Town,
	† { 1893 May 2. }		
	1877 May 29.	*STILEMAN, FRANK .. ..	1 Victoria Street, S.W.
	1883 May 1.		
	1886 Dec. 7.	STIRLING, JAMES .. ..	S. E. Ry., Ashford, Kent. [Hull.
	1891 Feb. 3.	STIRLING, MATTHEW .. ..	Hull & Barnsley Ry., Spring Head,
	1894 Dec. 4.	STIRLAT, JOHN .. ..	Municipal Eng., Rangoon, Burma.
	1855 Mar. 6.		
	1880 Feb. 10.	STOCKMAN, BENJAMIN PRYOR	82 Victoria Street, S.W.
†	† { 1864 Feb. 2. }	STONE, CHARLES .. ..	Landour, Harcourt Rd., Wallington.
	† { 1874 May 5. }	*STONE, EDWARD HERBERT ..	
	1885 Feb. 24.		E. I. Ry., Allahabad, India.
T t	† { 1858 Jan. 12. }	{ STONEY, BINDON BLOOD,	14 Elgin Road, Dublin.
	† { 1863 Nov. 17. }	{ L.L.D., F.R.S. .. ..	
		(Member of Council.)	
t	† { 1875 May 4. }	STONE, EDWARD WALLER, M.E.	Ch. Eng. Office, Madras Ry., Madras.
	† { 1883 Mar. 6. }	STONE, FRANCIS GOULD MORONY	
	1878 Mar. 5.	STOREY, HENRY FRANCIS ..	6 Albert Rd., Clifton, Bristol.
	1886 May 18.	*STOREY, WILLIAM JOHN	Darwen Iron Co., Moslyn, Flints.
	1893 Oct. 3.	PATRICKSON .. ..	
	1876 Feb. 1.	STORY, JOHN SOMES .. ..	Market Place, Derby.
	1861 Dec. 3.		
	1877 Oct. 30.	STOTHERT, GEORGE KELSON ..	Steamship Works, Bristol.
†	† { 1886 Jan. 12. }	{ STRACHAN, GEORGE RICHARD-	{ 3 Lessar Avenue, Clapham Common,
	† { 1894 Nov. 27. }	{ SON .. ..	
t	† { 1871 Dec. 5. }	STRACHAN, JAMES .. ..	Municipal Office, Karachi, India
	† { 1882 May 23. }		
	1875 May 4.	STRAIN, JOHN .. ..	21 Delahay Street, S.W.
	1882 Mar. 7.		
	1854 Jan. 10.	STRAPP, JOHN .. ..	Henley House, Grove Rd., Surbiton.
	1860 Jan. 17.		
	1876 May 2.	STRIDE, ARTHUR LEWIS ..	L. T. & S. Ry., Fenchurch St., E.C.
	1877 Nov. 27.		{ (Letser, London. 4376.) [U.S.
	1889 Apr. 2.	STROBEL, CHARLES LEWIS ..	1744 Monadnock Block, Chicago, Ill.,
			Rutland House, Clarence Parade,
	1875 Dec. 7.	STRONG, EDWARD GRAY ..	{ Southsea.
†	† { 1882 Apr. 4. }	STRYPE, WILLIAM GEORGE ..	115 Grafton Street, Dublin (Strype,
	† { 1885 Dec. 1. }		
	1894 Dec. 4.	STUART, CHARLES McDONNELL	Govt. Rys., Sydney, N.S.W.
†	† { 1880 Dec. 7. }	*STUART, ROBERT HENRY FRE-	Montereau, Seine-et-Marne, France.
	† { 1891 Feb. 3. }	DERICK .. ..	
	1882 Mar. 7.	*SUMMERS, THOMAS, B.Sc. ..	Hyderabad, Sind, India.
	1894 Oct. 30.		
	1883 May 1.	SUTCLIFFE, FREDERIC JOHN	Low Moor Ironworks, Bradford.
	1896 Mar. 24.	RAMSBOTTOM .. ..	

Date of Election and of Transfer.		MEMBERS.	
W t	1877 Dec. 4.	SUTCLIFFE, GEORGE WILLIAM,	{ Bowden Lane, Marple, Stockport.
	1893 Nov. 14.	Wh. Sc. . . . .	
	1885 Apr. 14.	SWAN, ARCHIBALD ALEXANDER,	
	1896 May 19.	B.Sc. . . . .	{ Swan & Maclaren, Singapore, S.S.
	1878 Dec. 3.	SWINBURN, JOHN . . . .	
	1893 Mar. 7.	SWINBURNE, JAMES . . . .	
	1894 Apr. 10.		{ 66 Victoria Street, S.W. (3292.)
	1875 Jan. 12.		
	1883 Jan. 22.	SWINDELLS, RUPERT . . . .	
	1877 Feb. 6.		{ Wilton Villa, The Firs, Bowden.
	1885 Dec. 1.	SWINDLEHURST, ROBERT HENRY	
	1889 May 21.	(SWINEY, JOHN HARRIS)	
	1894 May 8.	HAZLETT, B.E. . . . .	{ 83 Royal Avenue, Belfast.
	1884 Feb. 5.	SWINNERTON, ROBERT ALLEN	
	1894 May 8.	WILLIAM . . . . .	
T t m	1879 May 27.	SYKES, BENJAMIN . . . .	{ 33 Winckley Sq., Preston. (28.)
	1880 Feb. 3.	SYKES, GEORGE HENRY, M.A.	
	1886 Nov. 9.		
	1876 Feb. 1.	SYMONS, BRENTON . . . .	{ 11 The Parade, Truro.
	1887 Nov. 8.		
	1883 Feb. 6.	*SZLUMPER, ALFRED WEEKS . .	
	1890 Apr. 29.		{ L. & S.W. Ry., Waterloo Station, S.E.
	1864 Dec. 6.	SZLUMPER, Sir JAMES WEEKS	
	1867 May 21.		
	1888 Apr. 10.	SZLUMPER, WILLIAM WEEKS . .	{ Vale of Glamorgan Ry., Barry, Cardiff.
	1896 Jan. 21.		
	1870 Mar. 1.	TAIT, GEORGE HUNTER . . . .	
	1876 Dec. 12.		{ 15 Lowfield St., Dartford.
	1877 Dec. 4.	*TAIT, JAMES . . . . .	
	1892 Nov. 1.		
	1862 May 6.	TANNER, JOHN EDWARD, C.M.G.	{ 91 Warwick Rd., Earl's Court, S.W.
	1885 Apr. 14.	*TARBUTT, PERCY . . . .	
	1888 Dec. 18.		
	1870 Apr. 5.	TATAM, EDWARD JOHN . . . .	{ Moulton, Spalding.
	1881 Apr. 5.		
	1875 Dec. 7.	TATE, JOHN . . . . .	
	1879 Nov. 4.		{ Karachi, Sind, India.
	1887 Jan. 11.	TATTON, REGINALD ARTHUR . .	
	1891 Apr. 21.		
	1881 Feb. 1.	*TAYLOR, EDWARD BROUGH . .	{ 27 Great George Street, S.W.
	1890 Feb. 4.		
	1884 May 27.	TAYLOR, HENRY ENFIELD . .	{ 15 Newgate St., Chester. (Enfield
	1869 Dec. 7.	TAYLOR, HERBERT ARNAND . .	
	1882 Feb. 14.		
	1884 Apr. 1.	TAYLOR, JOHN . . . . .	{ 6 Queen St. Place, E.C. (1828.)
	1879 Mar. 4.	*TERRY, STEPHEN HARDING . .	
	1894 Nov. 20.		
	1875 Apr. 6.		{ 3 Tokenhouse Buildings, E.C.
	1883 May 22.	THELWALL, WALTER HAMPDEN	
	1867 Jan. 8.	THOMAS, EDWIN . . . . .	
	1878 Mar. 5.	THOMAS, HUBERT . . . . .	{ 21 Surrey Street, Strand, W.C.
	1886 Dec. 7.	THOMAS, JOSEPH . . . . .	
	1889 Nov. 26.		
	1881 May 31.	THOMAS, JOSEPH HENRY . .	{ Santiago, Chili.
	1874 Dec. 1.	THOMAS, WILLIAM HENRY . .	
	1882 Feb. 7.		
	1887 Feb. 1.	THOMPSON, ARTHUR MOORE . .	{ L. & N. W. Ry., Crewe.
	1886 May 18.	*THOMPSON, HARRY JAMES . .	
	1893 May 9.		
	1878 Mar. 5.	THOMPSON, HENRY MUNGO, B.A.	{ H. S. King & Co., 45 Pall Mall, S.W.
	1890 May 6.	THOMPSON, ROBERT . . . .	

Date of Election  
and of Transfer.

## MEMBERS.

	1867 Feb. 5.	THOMPSON, THOMAS JEFFERSON	{ 24 Crosthwaite Park E., Kingstown, Ireland.
	1877 May 29.	{ THOMPSON, WILLIAM GEORGE MACNEILL .. .. . }	St. Catharines, Ontario, Canada.
	1871 Apr. 4.	THOMSON, CAMPBELL .. ..	Grindlay's, 55 Parliament St., S.W.
	1885 Feb. 24.	THOMSON, <i>Professor</i> ELIHE ..	Lynn, Mass., U.S.
	1895 Apr. 2.	THOMSON, GEORGE HUNTINGTON	51 East 41th St., New York, U.S.
	1889 May 7.	THOMSON, WILLIAM .. ..	Calle Imperial 17, Algeciras, Spain.
	1880 Dec. 7.	THORNHILL, EDWARD BAYLIES	80 Avenue Road, N.W.
	1884 Feb. 26.	THORNHILL, JOSEPH HELEN, M.E.	Patrick's Hill, Cork.
	1870 May 3.	THORNTON, JOHN MILLER ..	{ Midland and N. E. Rys., Uitenhage, Cape Colony.
	1889 Apr. 2.	THORNYCROFT, JOHN ISAAC, {	Eyot Villa, Chiswick Mall. (Thorny- croft, London. 8555.)
W St *	1882 Feb. 7.	F.R.S. .. .. . }	
	1887 May 3.	*THOROWGOOD, FRANK NAMIER	H. S. King & Co., 45 Pall Mall, S.W.
	1873 Jan. 14.	THOW, WILLIAM .. .. .	Govt. Rys., Sydney, N.S.W.
	1877 Dec. 11.	THROPP, JAMES .. .. .	27 The Bail, Lincoln.
	1890 Dec. 2.	THURSBY, CHARLES RADCLIFFE	{ Avenida de Mayo 715, Buenos Ayres.
	1886 May 4.	*THURSBY, PERCY .. .. .	Harleston, near Northampton.
	1889 Jan. 8.	THURSFIELD, WILLIAM EDWIN	Gumpoldskirchen, Vienna.
	1883 Mar. 6.	THWAITES, CHRISTOPHER ..	Barnell Rd., Sutton, Surrey.
	1891 Dec. 1.	THWAITES, WILLIAM, M.A. ..	Board of Works, Melbourne, Victoria.
	1882 May 23.	TILL, WILLIAM SPOONER ..	Drainage Board, Birmingham.
	1881 Dec. 6.	TILNEY, JOHN DEANE .. ..	Govt. Rys., East London, Cape Colony.
	1869 Dec. 7.	TIMME, GEORGE ADOLPHUS ..	{ 24 Strathblaine Road, New Wands- worth, S.W.
	1876 Apr. 4.	TIMMIS, ILLIUS AUGUSTUS ..	2 Great George Street, S.W.
	1887 Dec. 6.	*TINGLE, HENRY JOHN .. ..	31 Old Queen St., Westminster, S.W.
	1889 Nov. 5.	1895 Feb. 12.	
	1873 Jan. 14.	TIPPLADY, RICHARD .. .. .	{ Bahia & S. Francisco Ry., Bahia, Brazil
	1889 Feb. 5.	TIPPETT, GEORGE FREDERICK	{ Harbour Works, East London, Cape Colony.
	1889 Feb. 7.	TOMKINS, WILLIAM STEELE ..	28 Victoria Street, S.W.
	1895 Oct. 22.	*TOMLINSON, SAM .. .. .	Municipal Engineer, Singapore, S.S.
	1889 Apr. 14.	*TOPP, AUGUSTUS WORTHINGTON	Walton, near Liverpool.
	1891 Nov. 9.	TOWER, BEAUCHAMP .. ..	5 Queen Anne's Gate, S.W. [S.W.]
	1884 May 6.	TRAILL, THOMAS WILLIAM ..	40 The Chase, Clapham Common,
	1886 Mar. 2.	TRENCH, LOUIS, B.A. .. ..	{ Eng.'s Office, L. & N. W. Ry., Euston, N.W.
	1874 Feb. 3.	TREKY, CHARLES ALFRED ..	N.W. Ry., Bahia Blanca, Argentina.
	1879 Mar. 25.	TREVITHICK, FRANCIS HENRY	{ Imperial Government Rys., Tokio, Japan.
	1887 Dec. 6.	TREVITHICK, FREDERICK HARVEY	{ Loco. Supt., Egyptian Railways, Cairo.
	1892 Nov. 8.	TREVITHICK, RICHARD FRANCIS	Imperial Govt. Rys., Kobe, Japan.
	1879 Dec. 2.	TREWBY, GEORGE CARELESS ..	{ Gas Light & Coke Co., Horseferry Road, S.W.
	1887 May 10.	TRIPP, WILLIAM BLOMEFIELD	Spring Grove, Isleworth.
	1881 Apr. 5.	TRITTON, SEYMOUR DISCOE ..	9 Fenchurch Street, E.C.
	1891 May 12.		
	1885 May 5.		
	1866 Mar. 6.		
	1875 Apr. 27.		
	1877 Dec. 4.		
	1883 Nov. 29.		
	1893 Mar. 7.		
	1896 Apr. 21.		

	Date of Election and of Transfer.	MEMBERS.	
	1871 Dec. 5.}	TRUMAN, ARTHUR SMITH ..	32 Forest Road West, Nottingham.
	1892 Jan. 26.}		
	1871 Apr. 4.}	TRUTCH, <i>Sir</i> JOSEPH WILLIAM, K.C.M.G. . . . . }	Victoria, British Columbia.
m ✱	{1885 Dec. 1.}	*TUDSBERY, JOHN HENRY	{Great George Street, S.W. (Institu-
	{1892 Mar. 22.}	TUDSBERY, D.Sc. ( <i>Secretary</i> .)	{tion, London. 3051.)
	1885 Dec. 1.}	*TUIT, JAMES EDWARD ..	32 Victoria Street, S.W.
	1894 Jan. 23.}		
	1881 Dec. 6.}	*TULLOCH, FREDERICK HERBERT	Local Government Board, S.W.
	1894 Feb. 27.}		
	1865 Dec. 5.}	TURNER, EDWARD RUSH ..	St. Peter's Ironworks, Ipswich.
	1879 Apr. 1.}		
	1866 May 15.}	TURNER, WILLIAM BARROW ..	Ponsonby Hall, Carnforth.
	1877 Jan. 16.}		
	1886 Mar. 2.}	TUTHILL, ROBERT REEVES, B.A. . . . . }	3 Mount Avenue, Ealing, W.
	1869 Dec. 7.}		
	1879 Feb. 25.}	TWIGG, ROBERT HARKNESS ..	5 Defoe Road, Tooting, S.W.
	1883 Dec. 4.}	TYLDEN-WRIGHT, CHARLES ..	Ashley Grove, Worksop.
	1881 Dec. 6.}	TYLER, JOHN FRANKLYN ..	101 Old Road, Blackley, Manchester.
	1877 Apr. 10.}	*TYRRELL, ARTHUR WILLIAM	{1 Victoria Street, S.W.
	1880 Mar. 16.}	NAIRNE .. . . . }	
	1885 Feb. 3.}	{TYRRELL, FREDERICK, <i>Lt.-Col.</i> <i>ret.</i> .. . . . }	Graaf-Reinet Ry., Mt. Stewart, C.C.
	1880 May 4.}	*TYRRELL, LEWIS GORDON ..	Midland Ry., Jhansi, N.W.P., India.
	1885 Dec. 8.}		
	1865 Dec. 5.}	UNWIN, HOWARD .. . . .	1 Newton Grove, Bedford Park, W.
	1876 Dec. 19.}		
T t	{1867 Feb. 5.}	UNWIN, <i>Professor</i> WILLIAM	{7 Palace Gate Mansions, Kensing-
W L F ✱	{1877 Oct. 30.}	CAWTHORNE, B.Sc., F.R.S.	{ton, W.
	1872 Dec. 3.}	UPCOTT, FREDERICK ROBERT	Consulting Eng. to Govt., Madras.
	1879 Nov. 11.}		
	1843 May 2.}	UPWARD, ALFRED .. . . .	150 Holland Road, W.
	1864 May 10.}		
✱	1887 Mar. 1.}	URQUHART, THOMAS... ..	Delyn Station, Ross-shire, N.B.
	1886 Feb. 2.}	USSHER, EDGEWORTH RICHARD	Dunedin, Otago, N.Z.
	1864 Mar. 1.}	UTLEY, SAMUEL... ..	{10 Waterhouse St., Halifax, York-
	1888 Feb. 14.}		{shire.
	1877 Mar. 6.}	*VALENTINE, FREDERICK ..	King Staith Square, King's Lynn.
✱	1886 Mar. 8.}		
	1848 May 2.}	VALENTINE, JOHN SUTHERLAND	2 Hill Side Terrace, Hythe.
	1874 May 5.}	VALPY, HENRY VALPOT FRANCIS	14 Victoria Street, S.W.
	1880 Feb. 3.}	*VAUDREY, JOHN CLOUGH ..	{71 Westfield Rd., Edgbaston, Bir-
	1893 May 9.}		{mingham. (3539.)
	1892 May 3.}	VAUGHAN, RICHARD WYNDHAM	25 Avonmore Road, Kensington, W.
	1875 May 4.}	VAVASSEUR, JOSIAH, C.B. ..	{Rothbury, Blackheath Park, S.E.
			{(Exemplar, London.) [Janeiro.
	1890 Apr. 1.}	VECCHIO, ADOLPHO JOSÉ DEL	Rua Evaristo da Veiga 9, Rio de
T t m ✱	{1865 Dec. 5.}	VERNON - HARCOURT, LEVESON	{6 Queen Anne's Gate, S.W.
	{1871 Dec. 19.}	FRANCIS, M.A. . . . . }	
	1889 Feb. 5.}	VICKERS, THOMAS EDWARD ..	River Don Works, Sheffield.
	1864 Feb. 2.}	VIGNOLES, HENRY .. . . .	Whitehall Club, S.W.
	1879 Dec. 2.}	*VINCENT, CLAUDE .. . . .	8 Ebury Street, S.W.
	1891 Apr. 21.}		
	1853 Dec. 6.}	WADHAM, EDWARD .. . . .	Millwood, Dalton-in-Furness.
	1866 Dec. 17.}		
✱	{1891 May 5.}	WAIN, EDWARD BROWNFIELD	{Norton - in - the - Moors, Stoke-on-
	{1895 May 14.}		{Trent.
	1870 May 24.}	WAKE, HENRY HAY .. . . .	{River Wear Commission, Sunderland.
	1874 Mar. 10.}		{(126.)



Date of Election and of Transfer.		MEMBERS.	
1878 Mar. 5.	WAKEFIELD, HENRY .. ..	11 Adam Street, Adelphi, W.C.	
1875 Dec. 7.	WALCH, GEORGE TURNER .. ..	Binny & Co., Madras.	
1885 May 19.	WALKER, ARTHUR TANNETT .. ..	{ Leeds. (Tannett Walker, Leeds. 515.)	
1860 Mar. 6.}	WALKER, CHARLES RITCHIE .. ..	Junior Carlton Club, Pall Mall, S.W.	
1881 Apr. 5 }			
1877 May 29.}			
1894 Jan. 30.}			
1886 Dec. 7.	{ WALKER, FRANCIS BLENNER- HASSETT .. .. .	{ Glendalough, Caragh Lake, co. Kerry.	
1891 Feb. 3.	WALKER, FREDERICK WILLIAM	{ Leeds. (Tannett Walker, Leeds. 515.)	
1885 Apr. 14.	WALKER, JAMES, F.R.S.E. .. ..	{ Harbour Works, Douglas, Isle of Man.	
1876 Feb. 1.	WALKER, JAMES PENMAN HUGH	{ T. Mackey, The Diamond, Coleraine, co. Derry. [on-Tyne.	
1896 Apr. 14.	WALKER, JOHN .. .. .	Robert Stephenson & Co., Newcastle-	
1895 Jan. 8.	WALKER, JOHN SCARISBRICK .. ..	Walker Bros, Ironworks, Wigan.	
1891 Feb. 6.	WALKER, PHILIP BILLINGSLEY	Telegraph Service, Sydney, N.S.W.	
1868 Feb. 4.}	WALKER, THOMAS .. .. .	Boro' Engineer, Croydon.	
1888 Dec. 18.}			
1865 May 2.	WALL, PHILIP WILLIAM .. ..	9 Duke St., Portland Place, W.	
1882 Mar. 7.}	*WALLER, JOHN EDWARD .. ..	{ 29 Great George Street, S.W. (Kin- caid, London. 3011.)	
1891 Nov. 3.}			
1875 May 4.	WALLIS, HENRY ELLIS .. ..	Gort House, Petersham, Surrey.	
1880 Jan. 13.	WALLIS, HERBERT .. .. .	239 Drummond St., Montreal, Canada.	
1874 Apr. 14.}	WALMSLEY, ARTHUR THOMAS	{ 9 Victoria Street, S.W. (Workable, London.)	
1886 Nov. 2.}			
1883 Feb. 6.}	WALSH, HENRY DEANE, B.E.	{ Harbours and Rivers Dept., New- castle, N.S.W.	
1889 Nov. 5.}			
T t † 1876 Dec. 5.	{ WALTON, FREDERICK THOMAS GRANVILLE, C.I.E. .. .. }	Lucknow, India.	
1867 Dec. 3.}	WALTON, JAMES BIRDSALL .. ..	6 Great College Street, S.W.	
1881 May 3.}			
1872 Feb. 6.}	WALTON, RIENZI GIESMAN .. ..	32 Hogarth Rd., Earl's Court, S.W.	
1879 Dec. 9.}			
1896 Feb. 4.	WARBRICK, JOHN JAMES .. ..	{ Eng.'s Office, Ship Canal Co., Man- chester.	
t † { 1883 Mar. 6.}	WARD, HENRY .. .. .	110 Cannon Street, E.C.	
1894 May 22.}			
1880 Jan. 13.}	WARD, REGINALD FOSTER .. ..	{ 1 Osborne Avenue, Newcastle-on- Tyne. [(Wardale, Gateshead.)	
1882 Nov. 7.}			
1887 Dec. 6.	WARDALE, JOHN DOBSON .. ..	3 Walker Ter., Gateshead-on-Tyne.	
1858 Feb. 2.}	WARDELL, WILLIAM WILKINSON	Sydney, New South Wales.	
1869 Apr. 6.}			
1885 Dec. 1.	WARDEN, HOWARD WILLIAM	H. S. King & Co., 45 Pall Mall, S.W.	
1887 Mar. 1.	WARD-SMITH, WILLIAM .. ..	E. Jumna Canal, Saharanpore, India.	
1873 Apr. 1.}	WARE, CHARLES EDWIN .. ..	Gandy Street Chambers, Exeter.	
1880 Feb. 17.}			
1887 Dec. 6.	{ WARING, CHARLES EDWARD DELANCY .. .. .	10 Priory Road, Bedford Park, W.	
* { 1875 Apr. 6.}	WARING, FRANCIS JOHN, C.M.G.	197 Sutherland Avenue, W.	
† { 1879 Feb. 18.}			
* 1882 Dec. 5.	WARING, GEORGE E., JUN. .. ..	Newport, Rhode Island, U.S.	
* 1872 Dec. 3.	WARING, HENRY ROBERT .. ..	127 San Miguel, Palma, Mallorca.	
1877 Dec. 4.}	WARREN, Prof. WILLIAM HENRY, Wh. Sc. ... ..	University, Sydney, N.S.W.	
1887 Feb. 8.}			
1889 Mar. 5.}	*WATKINS, ALEXANDER JAMES	{ Govt. Rys., Kuala Lumpur, Selangor, S.S.	
1896 Jan. 28.}			
1879 Mar. 4.}	*WATSON, CHARLES JAMES	{ H. S. King & Co., 45 Pall Mall, S.W.	
1896 Jan. 28.}			
1875 May 4.}	WATSON, JAMES .. .. .	{ Waterworks Eng., Town Hall, Brad- ford.	
1885 Jan. 20.}			

	Date of Election and of Transfer.	MEMBERS.	
✦	{ 1868 Jan. 14. 1877 May 8. }	WAWN, CHARLES .. ..	Rhosdican, Carnarvon.
	1887 May 3.	WAY, ROBERT ATWELL ..	H. S. King & Co., 45 Pall Mall, S.W.
	1878 Jan. 15. 1892 Feb. 5.	WEAVER, WILLIAM .. ..	Town Hall, Kensington, W.
✦	{ 1865 May 23. 1872 Dec. 3. }	WEBB, FRANCIS WILLIAM (Member of Council.) ..	{ L. & N.W. Ry., Crewe.
✦	{ 1857 Mar. 3. 1868 Feb. 4. }	WEBB, FREDERICK CHARLES ..	5 Violet Place, Gt. Dover St., S.E.
	1891 Dec. 1.	{ WEBBER, Maj.-Gen. CHARLES EDMUND, C.B., late R.E. .. }	17 Egerton Gardens, S.W.
	1892 Dec. 6. 1894 Nov. 27.	WEBSTER, HENRY, B.E. .. ..	County Surveyor, Wexford.
	1876 Feb. 1. 1889 Jan. 29.	WEBSTER, JOHN .. ..	32 Drewton Street, Bradford.
T t ✦	{ 1879 Feb. 4. 1886 May 11. }	WEBSTER, JOHN JAMES .. ..	39 Victoria Street, S.W.
	1876 Mar. 7. 1890 Jan. 21.	WEEDON, JOHN FRANCIS ..	Springfield, Oxley, Queensland.
	1886 Feb. 2. 1894 Mar. 13.	WEIGHT, GEORGE PEACOCK ..	{ Alfred Rumball, 5 Victoria Street, S.W.
✦	{ 1888 Dec. 4. 1894 Oct. 30. }	*WEIGHTMAN, WALTER JAMES	Nilgiri Ry., Coonoor, Madras.
	1881 Feb. 1.	WELBY, RICHARD FLINT ..	The Chacara, Abbotskerswell, S.
	1875 May 11.	WELLESLEY, GERALD EDWARD	33 Portman Square, W. [Devon.
	1890 Jan. 14.	WELLS, FREDERICK .. ..	Cleves, Ryde, N.S.W.
	1881 Dec. 6.	WELLS, JAMES WILLIAM ..	Olinda, Penge Rd., Beckenham.
	1872 May 7.	WELLS, LIONEL BURY .. ..	5 John Dalton St., Manchester.
✦	1870 Dec. 6.	WELSH, EDWARD .. ..	
	1869 Dec. 7.	WENDEN, HENRY CHARLES	{ G. I. P. Ry., Bombay.
	1891 May 5.	EDWARD .. ..	
	1866 Dec. 4.	WEST, ARTHUR ANDERSON ..	{ Clyst House, Theydon Bois Road, nr. Epping. [Liverpool.)
	1885 Dec. 1.	WEST, HENRY HARTLEY .. ..	5 Castle Street, Liverpool. (Referee,
	1884 May 6.	WEST, JOHN .. ..	Barfield House, Didsbury, Mechter.
	1872 May 14.	*WESTERN, CHARLES ROBERT ..	{ Broadway Chambers, Westr., S.W. (Donbowes, London. 3199.)
	1879 May 27.		
	1877 Apr. 10. 1896 Feb. 11.	WESTHOFEN, WILHELM .. ..	P.W.D., Cape Town, C.C.
✦	1878 Jan. 15.	WESTLAND, DAVID MONRO ..	135 George Street, Edinburgh.
	1861 May 28.	{ WESTMACOTT, PERCY GRAHAM BUCHANAN .. ..	{ Benwell Hill. Newcastle-on-Tyne. (Elswick, Newcastle. 8.)
	1889 Feb. 5. 1891 May 5.	WESTON, EDMUND BROWNELL	Providence, Rhode Island, U.S.
	1877 May 29.	WESTWOOD, JOSEPH .. ..	{ Napier Yard, Millwall, E. (West- wood, London. 5065.)
t ✦	1867 Dec. 3.	WHEELER, WILLIAM HENRY ..	Boston, Lines. (Wheeler, Boston.)
	1872 Apr. 9. 1878 Apr. 30.	WHIPHAM, ARTHUR HENRY ..	Queen's Square, Middlesbrough.
	1882 Dec. 5. 1896 May 5.	WHITAKER, WILLIAM BUTLER	{ 3636 Calle Rivadavia, Buenos Ayres.
	1879 Dec. 2. 1892 Feb. 16.	WHITCOMBE, CHARLES PALMER	{ Southern Mahratta Railway, Hubli, India.
✦	{ 1881 Feb. 1. 1895 May 21. }	WHITE, ALFRED EDWARD ..	Borough Engineer, Hull.
	1862 May 6.	WHITE, CHARLES FITZWILLIAM	High Stakesby, Whitby.
	1883 May 1. 1895 Jan. 15.	*WHITE, GEORGE GILBERT ..	Wold View, Lincoln.
	1875 May 11. 1885 Feb. 3.	WHITE, GUILLERMO .. ..	{ Torromé, Son, & Co., 4 Jeffrey's Square, St. Mary Axe, E.C.
	1881 Mar. 1.	WHITE, HENRY FREDERICK ..	State Engineer, Gwalior, India.
	1870 Jan. 11. 1872 Feb. 6.	WHITE, ROBERT .. ..	{ 66 Belsize Park Gardens, N.W. (Brentesia, London.)
	1879 Jan. 14.	WHITE, WILLIAM HENRY ..	Town Hall Buildings, Oxford.

Date of Election  
and of Transfer.

## MEMBERS.

✠	1882 Feb. 7.	{ WHITE, <i>Sir</i> WILLIAM HENRY, K.C.B., LL.D., F.R.S. ( <i>Member of Council</i> )	Admiralty, S.W.
	1882 Dec. 5.	* WHITEHOUSE, GEORGE .. ..	Uganda Ry., Mombasa, East Africa.
	1892 Feb. 23.		
	1866 Apr. 10.	{ WHITING, JAMES EDWARD, M.A.	Consulting Engineer, Poona, India.
	1874 Dec. 22.		
✠	{ 1874 May 5.	WHITLEY, HENRY MICHELL ..	11 Victoria Street, S.W.
	1891 Dec. 8.		
	1885 May 5.	WHITTEMORE, DON JUAN ..	Milwaukee & St. Paul Ry., Chicago.
	1871 Apr. 4.	WHITTLE, JAMES HENRY ..	9 New Broad Street, E.C. [U.S.]
	1879 Dec. 23.		
	1854 May 2.	WHITTON, JOHN .. ..	2 Queen Square Place, S.W.
	1877 Feb. 6.	{ WHITTY, IRWINE JOHN .. ..	D. M. D. Stuart, Glengarry, Redland, Bristol. [Leith.]
	1877 Oct. 30.		
	1883 May 29.	WHYTE, PETER .. ..	Dock Office, Leith. (Whyte, Docks.
	1890 May 20.	WICKES, THOMAS HAINES ..	Oakdene, Northwood, Rickmans-
	1889 Feb. 5.	WICKSTEED, JOSEPH HARTLEY	Well House Foundry, Leeds. [worth.
	1892 Apr. 5.	WIGAM, REGINALD .. ..	Westwood, Leeds.
	1881 Jan. 11.	{ WIKE, CHARLES FROGGATT ..	City Surveyor, Bower Spring, Shef-
	1890 Nov. 11.		field.
	1891 May 5.	WILCOX, ERNEST SHEPLEY ..	57 Dacre Hill, Rock Ferry, Cheshire.
	1873 May 20.		
	1880 Feb. 24.	WILLCOCKS, GEORGE WALLER	4 College Hill, E.C.
T t	{ 1885 Dec. 1.	WILLCOCKS, WILLIAM .. ..	Public Works Dept., Cairo.
	1887 Apr. 19.		
	1895 Mar. 5.	* WILLET, ARCHIBALD WILLIAM	L. & N. W. Ry., Wigan.
✠	{ 1847 June 29.	WILLIAMS, ALFRED .. ..	18 Great George Street, S.W. [N.S.W.]
	1864 Jan. 19.		
	1891 Apr. 7.	WILLIAMS, ALFRED .. ..	Penshurst Park, Hurstville, Sydney,
✠	1860 Feb. 7.	{ WILLIAMS, <i>Sir</i> EDWARD LEADER ( <i>Member of Council</i> )	The Oaks, Altrincham, Cheshire.
	1879 Mar. 4.	WILLIAMS, GEORGE PHIPPS, B.A.	Upper Riccarton, Christchurch, N.Z.
	1878 Feb. 5.	WILLIAMS, JOHN AVERY BRANTON	11 Charles St., Cardiff.
	1855 May 22.		
	1861 Jan. 15.	WILLIAMS, MORGAN BRANSBY	Killay House, Swansea.
	1885 May 19.		
	1887 Mar. 8.	WILLIAMS, WILLIAM LAWRENCE	{ 16 Victoria Street, S.W. (Snowdon, London.)
	1867 May 1.		
	1888 Jan. 17.	* WILMER, HORACE .. ..	G. E. Ry., Stratford.
t ✠	1867 Mar. 5.	WILSON, ALLAN .. ..	East Castle St., Bridgnorth, Salop.
	1875 Dec. 7.	{ WILSON, ARTHUR ROSS .. ..	Sewerage & Water Works, Benares, India.
	1890 Mar. 25.		
t ✠	{ 1863 Jan. 13.	WILSON, GEORGE .. ..	113 The Grove, Ealing, W.
	1872 Mar. 19.		
	1860 Feb. 7.	WILSON, JAMES .. ..	
	1877 May 29.		
	1888 Mar. 6.	WILSON, JAMES .. ..	72A George Street, Edinburgh.
	1878 Mar. 5.	WILSON, JOHN .. ..	{ G. E. Ry., Liverpool St., E.C. (Wilson, Eastern, London.)
	1870 Dec. 6.		
	1882 Nov. 7.	WILSON, JOHN HATTON .. ..	14 Roseville St., St. Helier's, Jersey.
t ✠	1876 Mar. 7.	WILSON, JOSEPH MILLER ..	Drexel Bldg., Philadelphia, U.S.
	1869 Feb. 2.	WILSON, JOSEPH WILLIAM ..	South Tower, Crystal Palace, S.E.
	1879 Jan. 14.		
	1884 Feb. 5.	* WILSON, MAURICE FITZ-	Ennismore House, Salisbury Road,
	1895 Feb. 12.	GERALD .. ..	Dover.
	1875 Dec. 7.	{ WILSON, ROBERT .. ..	7 St. Andrew's Place, Regent's Park, N.W.
	1882 May 23.		
✠	{ 1883 Jan. 9.	WILSON, ROBERT, F.R.S.E. ..	13 Victoria Street, S.W.
	1886 Dec. 14.		
	1876 Apr. 4.	WILSON, ROBERT EDWARD ..	8 Delahay St., Westminster, S.W.
	1883 Nov. 13.		

Date of Election and of Transfer.		MEMBERS.	
	1891 Dec. 1.	WILSON, WALTER HENRY ..	Stranmillis, Belfast.
✱	1886 Dec. 7.	WILSON, WALTER STUART ..	175 Hope Street, Glasgow.
	1893 May 16.	WILSON, WESLEY WILLIAM ..	St. James' Gate, Dublin.
T t ✱	1849 May 1.	WILSON, WILLIAM .. ..	19 Applegarth Rd., W. Kensington, W.
	1878 May 7.	*WILSON, WILLIAM JOHN, F.C.H.	Ministry of Public Works, Cairo.
	1890 May 20.		
	1869 May 4.	WINBOLT, JOHN STEDDY, M.A.	1 Salisbury Villas, Cambridge.
	1887 Apr 26.		
	1866 Apr. 10.		
	1877 Jan. 16.	WINGATE, ROBERT .. ..	Ferro Carril Central, Monte Video.
	1881 Apr. 5.	WINGFIELD, CHARLES HUM- PHREY .. .. .	Lingard House, Chiswick Mall.
	1896 Apr. 21.		
	1886 Dec. 7.	WINTER, GEORGE KIFT .. ..	Madras Ry., Arkonam, India.
	1889 Feb. 1.	WINTER, THOMAS BRADBURY ..	Broomfield, Caterham, Surrey.
	1888 Dec. 4.	WISE, BERKELEY DEANE .. ..	Northern Counties Ry., Belfast.
	1884 Mar. 4.	WOLFE, JOHN EDWARD .. ..	Alagoas Ry., Maceio, Brazil.
✱	1879 Feb. 4.	WOOD, CHARLES .. .. .	Tees Ironworks, Middlesbrough.
	1868 May 5.	WOOD, JOHN .. .. .	18 Bank Street, Carlisle.
	1892 Dec. 6.	WOOD, JOHN THOMAS .. ..	3 Cook Street, Liverpool.
	1880 Feb. 3.	WOOD, LINDSAY .. .. .	Southill, Chester-le-Street.
	1892 Apr. 5.	WOOD, WALTER EDMUND ..	Dennis, Coatham, Redcar.
	1872 Dec. 3.	WOODALL, CORBET .. ..	9 Bridge St., Westr., S.W. (3160.)
	1877 Oct. 30.		
	1886 Mar. 2.	WOODALL, HENRY .. .. .	7 South Parade, Llandudno.
	1891 Mar. 3.	WOODCOCK, WILLIAM HUGH ..	2 Great George Street, S.W.
	1865 Apr. 4.	WOODFIELD, MATTHEW .. ..	42 Castletown Rd., S.W. [London.]
T ✱	1846 Apr. 7.	WOODS, EDWARD ( <i>Past-Pres.</i> )	8 Victoria Street, S.W. (Boscaje,
	1866 Dec. 4.	WOODS, EDWARD HENRY ..	8 Victoria Street, S.W. (Fundum, London.)
	1873 May 20.		
	1884 Mar. 4.	WORSDELL, THOMAS WILLIAM	Stonycroft, Arnside, Carnforth.
	1881 Feb. 1.	WORTH, JOHN EDWARD .. ..	{ County Council, Spring Gardens, S.W.
	1893 Nov. 14.		
	1839 Apr. 23.	WORTHINGTON, SAMUEL BARTON	33 Princess Street, Manchester.
	1861 Jan. 8.		
	(1880 Jan. 13.)	*WORTHINGTON, WILLIAM BAR-	{ L. & Y. Ry., Engineer's Office, Manchester.
✱	1884 May 27.	TON, B.Sc. .. .. .	
✱	1870 Jan. 11.	WRAGGE, EDMUND .. .. .	Grand Trunk Ry., Toronto, Canada.
	1876 Feb. 1.	*WRENCH, JOHN MERVYN ..	Midland Ry., Jhansi, N.W.P., India.
	1882 Feb. 7.		
	1884 Mar. 4.	WRIGHT, JAMES WALKER ..	Fairview, De Pary's Avenue, Bed-
	1875 Mar. 2.	WRIGHT, JOHN .. .. .	Teign View, Newton Abbot. [ford.
	1885 Apr. 14.	WRIGHT, <i>Hon.</i> JOHN ARTHUR	Land Co., Albany, W. Australia.
	1884 Mar. 4.	WRIGHT, WILLIAM .. .. .	Ashridge Ho., Spalding, Lincs.
	1859 Jan. 11.	WRIGHT, WILLIAM BARTON ..	Cambridge House, Dover.
	1869 Dec. 7.		
C ✱	(1869 Dec. 7.)	WRIGHTSON, THOMAS .. ..	5 Victoria Street, S.W.
	1877 May 29.	WRIGHTSON, WALSH .. ..	Director of Public Works, Trinidad.
	1895 Apr. 2.		
	1869 Dec. 7.	YARROW, ALFRED FERNANDEZ	{ Isle of Dogs, Poplar, E. (Yarrow, London. 5114.) [ney, London.]
	1879 Nov. 4.		
	1876 May 2.	YOCKNEY, SYDNEY WILLIAM ..	46 Queen Anne's Gate, S.W. (Yock-
✱	1872 Apr. 9.	YOUNG, EDWARD WILLIAM ..	{ St. George's Terrace, Perth, Western Australia.
	1865 Apr. 4.	YOUNG, JAMES .. .. .	{ Salroyd, Thornlaw Road, West Norwood, S.E.
	1884 Dec. 23.		
	1886 May 4.	YOUNG, JAMES .. .. .	Grindlay, Groom & Co., Bombay.
	1876 Dec. 5.	YOURDI, GEORGE NICHOLAS, B.E.	Cwm Elan, Rhayader, Radnorshire.
	1884 Jan. 8.		
	1887 May 24.	{ ZEAL, <i>Sir</i> WILLIAM AUSTIN, K.C.M.G. .. .. .	{ St. James's Buildings, William St., Melbourne, Victoria.
	1895 May 21.	ZIFFER, EMANUEL ALOIS ..	I Giselastrasse 9, Vienna.
	Total number of Members .. ..		1,898.

## ASSOCIATE MEMBERS.

[Assoc. M. Inst. C.E.]

*N.B. Those elected prior to the 2nd of December, 1878, have been transferred into this class by the Council.*

Date of Election.		ASSOCIATE MEMBERS.	
1880 May 4.	ARBEB, JOE BURMAN .. ..	28 John William St., Huddersfield.	
1893 May 2.	ABBOT, FREDERICK WILLIAM	620 Chestnut Street, St. Louis, Mo., U.S.	
1891 Dec. 1.	*ABBOTT, GEORGE HERBERT ..	115 Portland St., Southport.	
1891 Dec. 1.	*ABBOTT, JAMES HARTLEY ..	5 Thornfield, Ashton Rd., Lancaster.	
1885 Dec. 1.	*ABBOTT, WILLIAM SUTHERLAND	Lime Villa, South Woodford, Essex.	
✠ 1894 Jan. 9.	ABELL, WILLIAM PRICE, WILSON	The Pines, Narborough, Leicester.	
1880 Mar. 2.	*ABERCROMBIE, FRANCIS .. ..	23 Upper Wimpole Street, W.	
1883 May 29.	ABURROW, CHARLES .. ..	Box 534, Johannesburg, Transvaal.	
1877 Feb. 6.	ACKERMANN, ADOLPHUS WILLIAM	122 Sinclair Rd., Kensington, W.	
1892 Dec. 6.	{*ACKERMANN, ALFRED SEABOLD ELI .. .. .}	26 Collet Gardens, Kensington, W.	
1895 Dec. 3.	{ACKLAND, CHARLES GEORGE HEBER .. .. .}	Belgrade Rd., Hampton-on-Thames.	
1877 Dec. 4.	*ACLAND, LAWFORD MACLEAN ..	{P.W.D., Giant's Tank, Mannar, Ceylon.	
1889 Feb. 5.	*A COURT, SIDNEY .. ..	{19 Old Queen Street, Westminster, S.W. (Togatus, London.)	
1877 Dec. 4.	ACTON, WILLIAM RICHARD ..	Moss Side, nr. Manchester.	
1894 May 22.	ADAIR, GERALD ARTHUR, B.E.	1 Windsor Rd., Barry, Cardiff.	
1887 Mar. 1.	*ADAM, JAMES, F.C.H. .. ..	King, King & Co., Bombay.	
1891 Dec. 1.	*ADAM, ROBERT .. ..	{Surrey Commercial Dock, Rother- hithe, S.E.	
1879 Feb. 4.	ADAMES, CORNELIUS GEORGE ..	Avondale, London Rd., Portsmouth.	
1893 Apr. 11.	ADAMS, ALEXANDER .. ..	P.W.D., Lithgow, N.S.W.	
1894 May 1.	ADAMS, BURNET .. ..	Box 2416, Johannesburg, Transvaal.	
1892 Mar. 1.	*ADAMS, FREDERICK .. ..	Jalapa, Vera Cruz, Mexico.	
1883 Jan. 9.	*ADAMS, THOMAS .. ..	Eng.'s Off., N. Staffs. Ry., Stoke-on-	
1887 May 3.	ADAMSON, MICHAEL .. ..	Royal Victoria Dock, E. [Trent.	
1889 Apr. 2.	ADCOCK, CHARLES .. ..	5 Queen's Square, Bognor.	
1889 Dec. 3.	*ADDIS, FREDERICK HENRY	Rajputana-Malwa Ry., Sirsa, Punjab.	
✠ 1880 Dec. 7.	*ADDISON, PERCY LEONARD ..	47 New Lowther St., Whitehaven.	
1895 May 21.	AGABEG, FRANK JOSEPH ..	Apear & Co., Sitarampore, Bengal.	
1889 Dec. 3.	AGNEW, SAMUEL HEWETT ..	{Natal & Nova Cruz Ry., Natal, Brazil.	
1890 Feb. 4.	AINSWORTH, ALFRED EDWARD	Eng.'s Office, Midland Ry., Derby.	
1873 Dec. 2.	AIRY, THOMAS .. ..	Castle Eden, co. Durham.	
✠ 1893 Dec. 5.	ATTKEN, THOMAS .. ..	County Buildings, Cupar, Fife, N.B.	
1887 May 24.	*AKBAR, ALI .. ..	P.W.D., Malegaon, Bombay.	
1883 May 29.	*ALBRIGHT, JOHN FRANCIS ..	Savernake Lodge, Chelmsford.	
1892 Dec. 6.	{*ALBUQUERQUE-MARANHAO, AF- FONSO DE OLIVEIRA DE ..}	Portos Maritimos, Fortaleza, Ceará, Brazil.	
1883 Mar. 6.	{*ALDRIDGE, JAMES GEORGE WILLCOX .. .. .}	9 Victoria Street, S.W.	
1894 May 22.	ALEXANDER, EDWARD SEYMOUR	Nilgiri Ry., Coonoor, India.	
1894 Dec. 4.	ALEXANDER, JOHN HENRY ..	Ujain-Bhopal Ry., Bhopal, India.	
1892 May 3.	*ALEXANDER, WILLIAM .. ..	28 Rockybank Rd., Birkenhead.	
1895 Dec. 3.	*ALEXANDER, WILLIAM .. ..	167 St. Vincent Street, Glasgow.	
1892 Feb. 2.	*ALFORD, JOHN SIDNEY .. ..	46 Queen Anne's Gate, S.W.	
1889 Dec. 3.	*ALLAN, JOHN FREDERICK ..	Box 485, Nogates, Arizona, U.S.	

	Date of Election.	ASSOCIATE MEMBERS.	
	1890 May 20.	ALLAN PERCY .. .. .	Rds. and Bldgs. Dept., Sydney, N.S.W.
	1879 Mar. 4.	ALLAN, THOMAS ALEXANDER ..	{ Gibbs, Bright & Co., Melbourne, Victoria.
	1878 May 7.	ALLEN, ALFRED .. .. .	47 Victoria Street, S.W. (3377.)
	1883 Feb. 6.	ALLEN, GEORGE THOMAS ..	98 Lovelitch Rd., Old Kent Road, S.E.
	1896 Mar. 3.	*ALLEN, GORDON .. .. .	12 King's Road, Wimbledon, S.W.
	1893 Feb. 7.	*ALLEN, HERBERT EDWARD ..	Cavendish Cres. N., Nottingham.
	1893 Dec. 5.	ALLEN, MARCUS .. .. .	{ Union Ironworks, Manchester. (Mark, c/o Valves, Manchester.)
M	1889 Dec. 3.	ALLEN, PARKER ROSCOE ..	Arbuthnot & Co., Madras.
	1881 Apr. 5.	*ALLEN, PERCY RUSKIN ..	Woodherrie Hill, Loughton, Essex.
	1892 May 24.	ALLEN, RICHARD WILLIAM ..	Queen's Works, Bedford.
	1885 Dec. 1.	ALLEN, WILLIAM MILWARD ..	199 High St., Chorlton, Manchester.
	1885 Dec. 1.	{ *ALLMAN, FRANÇOIS ALBERT LOUIS .. .. .	{ Vassiljewskij Ostroff 19, Line No. 12, St. Petersburg. [P.Q., Canada.
	1893 Dec. 5.	ALLISON, JOHN LOGIE ..	Soulanges Canal, Coteau Landing,
	1882 Feb. 7.	{ ALLMAN, CLEMENS XAYER JULIUS .. .. .	{ Westgate, Vine Court Rd., Sevenoaks.
	1895 Dec. 3.	*ALLOTT, HENRY NEWMARCH ..	46 Brown Street, Manchester.
	1891 Jan. 13.	*ALLPORT, DOUGLAS, JUN. ..	4 Marlboro' Crescent, Chiswick, W.
	1880 Apr. 6.	ALLSOPP, JOHN .. .. .	Workshop.
	1894 Dec. 4.	*ALLUM, FREDERIC WARNER ..	Mushkaf-Bolan Ry., Hirok, India.
	1886 Feb. 2.	ALLSING, GUSTAVE VALENTINE ..	180 West Regent St., Glasgow.
	1892 Mar. 1.	AMES, ERNEST FITZROY ..	31 Ovington Square, S.W.
	1885 Apr. 14.	AMOR, JUSTIN VICTOR WILFRID ..	10 Victoria Street, S.W.
	1893 Mar. 7.	*AMPHLETT, EDWARD ALBIN, B.E.	Roads and Bridges Dept., Orange,
	1892 Dec. 6.	ANDERSON, ALEXANDER ..	Harbour Office, Belfast. [N.S.W.
	1890 May 6.	ANDERSON, ARTHUR ROBERT ..	23 Queen's Gardens, Poona, Bombay.
	1883 Dec. 4.	*ANDERSON, EDWARD WILLIAM ..	Roydon Lodge, Erith, Kent.
	1892 May 24.	ANDERSON, FRANCIS PHILIP ..	King, Hamilton & Co., Calcutta.
	1883 Dec. 4.	ANDERSON, GEORGE GRAY ..	{ 833 Equitable Bldg., Denver, Colo., U.S. (Irrigation, Denver, 547.)
	1892 Mar. 1.	ANDERSON, GEORGE WILLIAM ..	Gasworks, Whyteleafe, Surrey.
	1885 May 19.	*ANDERSON, HERBERT WILLIAM ..	Halling, near Rochester.
	1889 May 7.	ANDERSON, JAMES .. .. .	Box 166, Johannesburg, Transvaal.
	1881 Apr. 5.	ANDERSON, JOHN .. .. .	160 High Street, Montrose.
	1894 Dec. 4.	*ANDERSON, JOHN REID ..	21 Great George Street, S.W.
	1890 Dec. 2.	{ ANDERSON, JOSHUA THOMAS NOBLE, B.E. .. .. .	{ 49 Elizabeth Street, Melbourne, Victoria.
	1893 Jan. 10.	*ANDERSON, PIERCIE SEVERN ..	Dredging Co., Cairo.
	1889 Dec. 3.	*ANDERSON, ROBERT BRUCE ..	35A Great George Street, S.W.
	1892 May 24.	ANDERSON, ROBERT FRAME ..	
	1887 Feb. 1.	{ *ANDERSON, ROBERT OGILVIE NEWTON, B.E. .. .. .	{ State Eng.'s Dept., Perak, S.S.
	1881 May 3.	ANDERSON, ROBERT SANDERS ..	County Surveyor, Peebles, N.B.
	1884 Dec. 12.	ANDERSON, THOMAS .. .. .	Govt. Dockyard, Bombay.
	1879 Feb. 4.	ANDERSON, WILLIAM .. .. .	City Engineer, Auckland, N.Z.
	1875 May 11.	ANDRÉ, GEORGE GUILLAUME ..	{ Clyde Mills Co., Glenlean, Sandbank, Greenock, N.B.
	1891 Dec. 1.	ANDREONI, LUIS .. .. .	P.W.D., Monte Video, Uruguay.
	1894 Dec. 4.	{ ANDREWS, GEORGE SAMUEL BURT .. .. .	{ Box 1049, Johannesburg, Transvaal.
	1885 Apr. 14.	{ ANDREWS, JOSEPH DEVONPORT FINNEY .. .. .	{ 45 Fulham Park Gardens, S.W.
	1889 Dec. 3.	{ ANDREWS, SAMUEL GEORGE THORNTON .. .. .	{ Cefn Eithen, Swansea.
	1888 Dec. 4.	ANDREWS, WILLIAM WALLACE ..	Port Darwin, N.T., So. Australia.
	1883 Mar. 6.	ANGELL, JOHN ALEXANDER ..	District Council, Beckenham.
	1886 Dec. 7.	ANGOVE, WILLIAM HENRY ..	Albany, Western Australia.
	1861 Dec. 3.	ANLEY, JAMES LEMPRIERE ..	Oakley, Cheltenham.
	1885 Dec. 1.	ANNINGSON, WILLIAM PHILLIPSON ..	139 East India Road, E.
	1892 Dec. 6.	ANSON, ERNEST, M.A. ..	King, Hamilton & Co., Calcutta.
	1875 Dec. 7.	ANSON, FREDERICK HENRY, M.A.	15 Dean's Yard, S.W.

Date of Election.		ASSOCIATE MEMBERS.	
	1875 Feb. 2.	ANSTEY, HARRY .. ..	R. H. Borradaile, Tandridge, Oxted.
	1870 Apr. 5.	ANSTIE, JOHN, B.A. .. ..	17 Victoria Street, S.W.
	1892 Feb. 2.	*ANTHONY, ALBERT EVERSHERD .. ..	35 East Street, Brighton.
	1891 Dec. 1.	*ANTHONY, CHARLES, Jun. .. ..	Cañilla 1045, Buenos Ayres.
	1881 Apr. 5.	ANTILL, BENJAMIN HILLIER .. ..	12 Queen Anne's Gate, S.W.
	1890 Dec. 2.	*APPLEBY, FRANK JAMES .. ..	Balmer, Lawrie & Co., 103 Clive St.,
m ✚	1890 Apr. 1.	*APPLEBY, PERCY VAVASSEUR .. ..	22 Walbrook, E.C. [Calcutta.
	1890 May 20.	ARCHER, OAKELEY .. ..	Miles & Co., Christchurch, N.Z.
	1883 May 1.	ARGENTI, EDUARDO .. ..	Juan de Mena 19, Madrid.
	1891 Feb. 3.	ARNER, JAMES .. ..	11 Queen Street Place, E.C.
	1882 May 23.	ARMISTEAD, RICHARD .. ..	Main Street, Bingley.
	1890 Apr. 1.	ARMITAGE, CHARLES .. ..	Gas Works, Lancaster.
	1893 Feb. 7.	{*ARMITAGE, FREDERICK RHODES, B.A. .. ..}	Noan, Thurles, co. Tipperary.
	1894 Feb. 6.	ARMSTRONG, CHARLES FREDERICK .. ..	Egyptian Dredging Co., Cairo.
	1884 Dec. 2.	{ARMSTRONG, LAWRENCE HEN- NESSEY CLUBBY .. ..}	Clabley, College Rd., Bromley, Kent.
	1891 Dec. 1.	ARNALL, THOMAS WILLIAM .. ..	City Surveyor's Office, Birmingham.
	1878 Feb. 5.	ARNEIL, JAMES ABRAM .. ..	57 Park Rd., Portsmouth, Southampton.
	1890 Dec. 2.	ARNOLD, THOMAS .. ..	19 John St., Llanelli.
	1891 Dec. 1.	*ARNOT, ARTHUR JAMES .. ..	Town Hall, Melbourne, Victoria.
	1891 Jan. 13.	ARNOT, WILLIAM .. ..	75 Waterloo Street, Glasgow. (4665.
	1891 May 12.	AROCENA, CARLOS ALBERTO .. ..	Calle de Piedras 163, Monte Video.
	1881 Feb. 1.	ARROW, JAMES THOMAS .. ..	Eng. Dept., Govt. Off., Adelaide.
	1876 Apr. 4.	*ARTEAGA, RODOLFO DE .. ..	72 Calle Buenos Ayres, Monte Video.
✚	1881 Dec. 6.	ARTINGSTALL, SAMUEL GEORGE .. ..	28 Rialto Buildings, Chicago, U.S.
	1887 May 3.	ASH, HERBERT RICHARD FRANCIS .. ..	P.W.D., Amraoti, East Berar, India.
	1874 Apr. 14.	ASHBURY, THOMAS .. ..	{5 Market Street, Manchester. (Thomas Ashbury, Manchester.)
✚	1885 Apr. 14.	*ASHCROFT, ANDREW GEORGE .. ..	6 St. Margaret's Rd., Plumstead, S.E.
	1894 Feb. 6.	ASHENDEN, PERCY .. ..	P.W.D., Cape Town, C.C.
✚	1873 May 6.	*ASHICREST, FRANCIS HENRY .. ..	24 Cardigan Rd., Richmond, Surrey.
	1886 Apr. 6.	*ASHPITEL, FRANCIS WILLIAM .. ..	Parry & Co., Madras.
✚	1892 Dec. 6.	*ASHTON, HAROLD THOMAS, M.Sc. .. ..	Royal Laboratory, Woolwich.
	1890 Feb. 4.	ASHWELL, HARRY .. ..	{South View, Doncaster Rd., Agbrigg, Wakefield.
	1893 May 16.	*ASHWORTH, ARTHUR ALAN, B.A. .. ..	N. E. Ry., Northgate, Darlington.
	1895 Dec. 3.	*ASKWITH, JAMES EDGAR .. ..	{Smiddy Shaw Reservoir, Waskerley, Darlington.
	1892 Jan. 12.	*ASLETT, ALFRED HENRY .. ..	Stanyan Lodge, Ford Pk., Ulverston.
	1895 Jan. 8.	ASPINALL, MILES .. ..	Boro' Surveyor, Worthing.
	1890 Dec. 2.	ATHUM, SAMUEL .. ..	{P.W.D., Ganges Canal, Aligarh N.W.P., India.
	1886 Dec. 7.	ATKINS, ALFRED .. ..	Wanganui, N.Z.
	1885 Mar. 3.	ATKINSON, ALFRED .. ..	Brigg, Lines. [Manchester.
T t ✚	1891 Feb. 3.	*ATKINSON, CLAUDE WILLIAM .. ..	S. Z. de Ferranti, Hollinwood, near
	1896 Apr. 14.	{ATKINSON, HERBERT JEPCOATE, B.E. .. ..}	Cwm Elan Rhayader, Rads.
	1877 Apr. 10.	ATKINSON, JOHN .. ..	Gt. So. Ry., Urugunyana, Brazil.
	1885 Feb. 3.	*ATKINSON, JOHN .. ..	Boro' Surveyor, Stockport.
T m ✚	1888 Dec. 4.	*ATKINSON, LLEWELYN BIRCHALL .. ..	10 Westbourne Rd., Penarth, Cardiff.
	1880 Dec. 7.	*ATKINSON, ROBERT PHILIP .. ..	Ganges Canal, Bulandshahr, India.
	1891 Jan. 9.	*ATLEY, GEORGE WILLIAM PERCY .. ..	M. S. & L. Ry., Manchester.
	1888 Dec. 4.	ATTARD, WALTER .. ..	41 Strada Britannica Vittoriosa, Malta.
✚	1878 Feb. 5.	ATTWOOD, GEORGE .. ..	{18 St. Swithin's Lane, E.C. (Wolverly, London.)
	1891 Mar. 3.	AUDEN, ARTHUR CHARLES .. ..	Robinson & Auden, Wantage, Berks.
	1884 Dec. 2.	AUSTEN, GEORGE IDEN .. ..	Box 536, Nyack, N.Y., U.S.
	1888 Mar. 6.	AUSTIN, ALBERT ERNEST .. ..	São Paulo Ry., São Paulo, Brazil.
	1873 Dec. 2.	*AUSTIN, EDWARD ROBERT .. ..	Strangeways Ironworks, Manchester.
	1896 May 19.	*AVELING, THOMAS CLIFFORD .. ..	68 Ryland Rd., Edgbaston, Birming-
	1882 May 23.	AVELING, THOMAS LAKE .. ..	Boley Hill House, Rochester. [ham.
	1888 Dec. 4.	AYRES, PHILIP PORT .. ..	Strafford Road, Acton, W.

Date of Election.		ASSOCIATE MEMBERS.	
1891 Dec. 1.	AYRES, THOMAS LAMBERT ..	Post Office, Durban, Natal.	
1886 May 18.	*AYRIS, HENRY CROWQUILL ..		
1879 Feb. 4.	{AYRTON, Prof. WILLIAM ED- WARD, F.R.S. .. ..}	Central Institution, Exhibition Rd., S.W.	
✠ 1885 Apr. 14.	AYTON, ROBERT .. ..	Ashfield Villas, Stockton-on-Tees.	
1886 Mar. 2.	*BAASS, JAMES RANSON .. ..	Round Hill House, Sydenham, S.E.	
1894 Jan. 9.	*BAETIE, JOHN TAYLOR .. ..	37 Church Street, Dumbarton, N.B.	
1887 Dec. 6.	*BACH, FREDERICK WILLIAM ..	25 Ainger Rd., Primrose Hill, N.W.	
1890 Dec. 2.	BACH, JOHN EDMUND .. ..	57 Partridge Road, Cardiff.	
1896 May 5.	BACON, ARTHUR DRAX !.. ..	{North Randfontein Gold Mining Co., Krugersdorp, Transvaal.	
1892 Dec. 6.	*BADER, FREDERICK ROBERT ..	P.W.D., Ahmednagar, Bombay.	
1886 Dec. 7.	BAGCHI, MOHENDRO NATH ..	Dist. Eng., Howrah, Bengal.	
1888 Mar. 6.	*BAGGS, EDWIN, Wh. Sc. ..	3 Walcot Parade, Bath.	
1892 Dec. 6.	*BAGOT, LEWIS BROWN .. ..	Storey Square, Barrow-in-Furness.	
1886 Apr. 6.	{*BAGSHAW, FREDERICK THEO- DORE .. ..}	Chesham Bois, Bucks.	
1887 May 24.	BAILES, WALTER HENRY ..	L. B. & S. C. Ry., London Bdg., S.E.	
1894 Mar. 6.	*BAILEY, ARTHUR STOWEY ..	23 Balmuir Gardens, Putney, S.W.	
1889 Dec. 3.	BAILEY, FRANK .. ..	{Metropolitan Electric Supply Co., 17 South St., Manchester Sq., W.	
1892 Apr. 5.	*BAILEY, STANLEY CLAUDE ..	2 Wharton Rd., W. Kensington, W.	
1875 Dec. 7.	BAILEY, WILFRED .. ..	Bognor, Sussex.	
1889 Mar. 5.	*BAILLIE, JAMES PICTON ..	Engineering Co., Cardigan.	
1877 Feb. 6.	BAIN, THOMAS CHARLES JOHN	Woodside, Rondebosch, Cape Town.	
1887 Dec. 6.	BAIRD, FRANK OSBORNE ..	Murray Lodge, Portobello, N.B.	
1881 Dec. 6.	*BAKER, CHARLES JOHN SEYMOUR	47 Redcliffe Square, S.W.	
1889 Jan. 8.	*BAKER, EARNEST WHEATSTONE	O. Vidler, High Street, Rye, Sussex.	
1882 May 23.	*BAKER, EDWARD .. ..	{Stoneleigh, Eastern Avenue, Read- ing. (Baker, Gas, Reading.)	
1892 Dec. 6.	*BAKER, JOHN .. ..	High Street, Slough. [Argentina.	
1881 Dec. 6.	BAKER, JOHN BECKETT .. ..	N. W. Ry., Casilla 106, Cordoba,	
1894 Dec. 4.	BAKER, TOM WILLIAM, B.A. ..	Broad Street House, E.C.	
✠ (1841 May 11.) (1867 Mar. 26.)	BAKER, WILLIAM LEWIS ..	{22 Hillier Rd., Wandsworth Common, S.W. [Street, E.C.	
1892 Dec. 6.	BALD, FRANCIS ALOYSIUS ..	Eng.'s Office, G. E. Ry., Liverpool	
m ✠ 1880 Apr. 6.	*BALDWIN, ARTHUR ERNEST	Ernesbrake, Southend.	
1894 Jan. 9.	*BALE, GEORGE ROBERT ..	109 Dalling Rd., Hammersmith, W.	
1884 Jan. 8.	BALE, MANFRED POWIS ..	Appold Street, Finsbury, E.C.	
1892 Mar. 1.	*BALFOUR, DAVID, Jun. ..	Myre Hall, Houghton-le-Spring.	
1892 Dec. 6.	*BALL, BENJAMIN .. ..	Boro' Engineer, Nelson, Lancs.	
1894 Dec. 4.	BALL, CHARLES FRANCIS ..	51 Prince Street, Bristol.	
1895 Mar. 5.	BALL, GEORGE .. ..	Boro' Surveyor's Office, Scarborough.	
m ✠ 1892 May 24.	*BALL, JAMES BENJAMIN ..	84 Mount View Rd., Stroud Green, N.	
1883 Dec. 4.	BALMOKAND, Lala .. ..	P.W.D., Lahore, India.	
1874 Jan. 13.	{*BAMBER, ARTHUR LLOYD COCHRANE .. ..}	Waresly Lodge, Cheltenham.	
1875 Dec. 7.	BAMBER, EDWARD FISHER ..	48 St. James's Sq., Notting Hill, W.	
1892 May 24.	*BAMFORD, CHARLES FREDERICK	Assam-Bengal Ry., Shillong, Assam.	
1891 Mar. 3.	{BANDYOPADHYAY, KRISHNACH- ANDRA .. ..}	{24 Sankaripara Rd., Bhowanipur, Calcutta.	
1891 Apr. 7.	BANKS, CHARLES .. ..	Oamaru, New Zealand.	
1891 Jan. 13.	BANKS, EDWARD NEVILL ..	10 Chichester St., Belfast.	
1891 May 5.	BANKS, JAMES WHITE, B.E. ..	Woodridings, Pinner.	
1888 Dec. 4.	BANKS, JOHN .. ..	17 Mayfield Av., Great Lever, Bolton.	
1890 May 20.	*BANKS, WALTER .. ..	20 Short St., Heaton Norris, Stockport.	
1895 May 21.	BANKS, WILLIAM .. ..	10 Albany Road, Rochester.	
1890 Feb. 4.	BANNISTER, MAUNSEL CASWELL	Central Bldgs., No. John St., Liverp'l.	
1895 Feb. 5.	*BARBER, EDWARD HAZELDINE	Rural District Council, Preston.	
1884 Feb. 5.	BARCLAY, ARTHUR .. ..	{29 Gloucester Road, Kensington, S.W.	



Date of  
Election.

## ASSOCIATE MEMBERS.

	1893 Feb. 7.	*BARIHAM, HUGH GARRATT FOSTER	10 Castle Garth, Kendal.
	1875 Jan. 12.	BARRIAM, THOMAS .. .. .	Wynaud House, Bowes Park, N.
m	1893 Dec. 5.	*BARKER, CHARLES DAVIDSON ..	1 Bowmont Ter., Kelynside, Glasgow.
m	1892 Dec. 6.	*BARKER, JOHN HENRY .. .. .	Electric Supply Co., Cambridge.
	1892 Mar. 1.	*BARKER, JOSEPH WILLIAM ..	Town Hall, Stratford, E.
	1891 Dec. 1.	*BARKER, LEON HARRY .. .. .	Bengal-Nagpur Ry., Jharsogra, India.
	1894 Mar. 6.	*BARKER, OSWALD .. .. .	3 Gloucester Terrace, Swindon.
	1890 Mar. 4.	BARKER, RAYNER CHILDE, C.I.E.	Telegraph Department, Calcutta.
	1895 Dec. 3.	BARKER, THOMAS .. .. .	7 Sherborne Road, Bradford.
	1892 Dec. 6.	BARLING, IVAN COLLINGWOOD ..	Aire & Calder Navigation, Goole.
	1894 Dec. 4.	BARLOW, JOSEPH WILMOT ..	Hardwick Colliery, Heath, Chesterfld.
	1893 Dec. 5.	{BARLOW - MASSICKS, THOMAS GIBSON .. .. .}	{Lyux Creek Gold Co., Prescott, Arizona, U.S.
	1896 Mar. 3.	BARNARD, ADAM SEDGWICK ..	Boro' Electrical Engineer, Hull.
	1891 Feb. 3.	*BARNARD, HENRY CUTBERT ..	State Ry., Taiping, Perak, S.S.
	1890 May 6.	{*BARNARD, ROBERT CARY HENSLOW .. .. .}	G. I. P. Ry., Bombay.
	1892 Dec. 6.	*BARNBY, REGINALD CLAYTON ..	Naylor Bros., Ashbourne, Derbyshire.
	1888 Dec. 4.	{*BARNES, CHARLES ARTHUR ALBERT .. .. .}	{Asst. Colonial Surv., Accra, West Africa.
	1896 Mar. 3.	BARNES, DAVID LEONARD ..	1750 The Monadnock, Chicago, U.S.
	1896 May 5.	BARNES, JOHN .. .. .	Ribble Navigation, Preston.
	1887 Dec. 6.	{BARNES, ROBERT SAMUEL WEMYSS .. .. .}	Victoria Club, Maritzburg, Natal.
	1892 Dec. 6.	BARNES, SIDNEY WALTER JOHN ..	19 Denmark Road, Ealing, W. [S.S.]
	1884 Feb. 5.	BARNETT, CHARLES WILLIAM ..	Logan's Bldgs., Beech St., Penang.
	1885 Feb. 3.	BARNETT, JOHN DAVIS .. .. .	G. T. Ry., Stratford, Ont., Canada.
	1894 Dec. 4.	*BARNETT, WALTER GEORGE ..	G.I.P. Ry., Jubbulpore, India.
	1894 May 1.	BARON, JOSEPH EDWARD .. .. .	P.W.D., Perth, Western Australia.
	1874 Feb. 3.	BARRATT, HENRY .. .. .	85 New Street, Altrincham.
	1887 Jan. 11.	BARRATT, JAMES .. .. .	{Bundaberg & Gladstone Ry., Rose- dale, Queensland.
	1894 Dec. 4.	*BARRATT, SAMUEL HARRY HILL ..	10 Fairfax Rd., Hampstead, N.W.
	1886 Dec. 7.	BARRATT, THOMAS BLAMEY ..	P.W.D., Perth, Western Australia.
	1883 Dec. 4.	BARRETO, PROPICIO PEDROSO ..	{Comp. Alagoana de Fiação Tecidos, Maceio, Brazil.
	1891 Dec. 1.	BARRETT, ERNEST JAMES ..	Town Hall, Staines.
	1886 Dec. 7.	BARRETT, SYDNEY RUSSELL ..	Gas Dept., Council Ho., Birmingham.
	1896 Jan. 14.	BARRINGER, HERBERT .. .. .	88 Bishopsgate Street Within, E.C.
	1879 Mar. 4.	BARRON, CHARLES .. .. .	Wadebridge, Cornwall. [S.W.]
	1876 Apr. 4.	BARRON, HENRY STRACEY ..	32 Gorst Rd., Wandsworth Com.,
	1896 May 5.	BARRON, JAMES, JUN. .. .. .	156 Union Street, Aberdeen.
	1872 Dec. 3.	BARRON, WILLIAM ADAMSON ..	26 Powis Sq., Kensington Park, W.
	1884 Feb. 5.	{BARROS, FELICIANO MENDES DE MESQUITA .. .. .}	{20 Rua do Barai de Ibituruna, Rio de Janeiro.
	1892 Dec. 6.	*BARROW, ARTHUR ROBERT ..	{Holly Grove, Fittleworth, Pul- borough.
	1887 Apr. 5.	*BARROW, WALTER DUNCAN ..	State Ry., Rangoon, Burma.
	1889 Dec. 3.	*BARROWCLIFF, GEORGE HARRY ..	Mill Street, Loughborough.
	1889 Mar. 5.	{*BARRY, HERBERT ALFRED LUCAS .. .. .}	{15 Great George St., S.W. (Pintle, London. 3367.)
	1890 May 20.	BARRY, WILLIAM FITZ-GERALD ..	Co. Surveyor's Office, Kilkenny.
	1895 Jan. 8.	*BARTLETT, EDWARD CECIL ..	58 Lansdowne Rd., Notting Hill, W.
	1896 Feb. 4.	BARTON, ANDREW .. .. .	W. Duff Bruce, 17 Victoria St., S.W.
	1865 May 23.	BARTON, JOHN .. .. .	Torwood, Wimbledon Park.
m	1884 Feb. 5.	*BASHALL, WILLIAM .. .. .	21 Holland Villas Road, W.
	1896 Feb. 4.	BASSETT, WALTER BASSETT ..	{108 Westminster Bridge Road, S.E. (4681.)
	1887 Dec. 6.	*BASSETT, HERBERT STANHOPE ..	Ballygunner, Bournemouth.
	1886 Feb. 2.	BATCHLOR, CYRIL TALWORTH ..	The Upper Cliffs, Penarth, Carliif.
	1892 Mar. 1.	*BATCHEN, THOMAS MACKENZIE ..	6 Innes Street, Inverness, N.B.
	1894 May 22.	BATE, DOUGLAS CLAYELL ..	127 East Dulwich Grove, S.E. [Tyne.
	1887 Feb. 1.	BATERDEN, JAMES RAE .. .. .	54 Brighton Grove, Newcastle-on-

	Date of Election.	ASSOCIATE MEMBERS.	
	1895 Dec. 3.	BATESON, HUGH .. ..	{ Assam-Bengal Ry., Barlow's Bungalows, Badarpur, India.
	1887 Dec. 6.	*BATLEY, CHARLES JOSEPH ..	Corporation Offices, Bury, Lancs.
	1894 Jan. 9.	*BATT, ALFRED JACKSON ..	Harbour Works, Ceará, Brazil.
m	1882 Dec. 5.	*BATTEN, WILLIAM TOWNSHEND	Adelaide House, Northampton.
	1893 Apr. 11.	BATTERSBY, EDMUND .. ..	The Uplands, Shifnal.
+	1873 Dec. 2.	BAUERMAN, HILARY .. ..	14 Cavendish Rd., Balham, S.W.
	1893 Dec. 5.	BAXTER, GEORGE .. ..	93 Commercial Street, Dundee.
	1890 Dec. 2.	BAYLEY, GEORGE HERBERT ..	Craybrow, Lymm, Cheshire.
	1892 Feb. 2.	BAYLEY, WALTER FRANCIS ..	1 Victoria Avenue, Hull.
	1894 Dec. 4.	BAYLEY, WILLIAM THOMAS ..	Surveyor's Office, Warminster.
	1884 May 6.	*BAYLIS, PERCY .. ..	The Foundry, Chippenham, Wilts.
	1892 Apr. 5.	BAYLIS, THOMAS PHILIP ..	3 Park Road, Redditch.
	1883 May 29.	BAYLISS, GEORGE REGINALD ..	Spondon, Derbyshire.
	1884 Dec. 2.	BAYLISS, THOMAS RICHARD ..	Belmont, Northfield, nr. Birmingham.
	1850 Apr. 2.	{ BAYNES, CHARLES CHRISTOPHER CARLETON .. .. }	2 South Hill Park Gardens, N.W.
	1891 Apr. 7.	*BAYNES, JOSEPH HENRY ..	Maryborough, Queensland.
	1892 Dec. 6.	*BEADLE, FRANK EDWARD ..	Beadonwell, Belvedere, Kent.
	1886 May 18.	BEAHAN, JOHN CHARLES ..	W. Watson & Co., Bombay.
	1892 Mar. 1.	*BEAL, EDWIN JAMES .. ..	Southern Outfall, Crossness, Kent.
	1890 May 20.	*BEALE, BERTRAM ROBERT, B.A.	Waltham St. Lawrence, Twyford.
	1888 Jan. 10.	BEALE, HENRY FITZ GERALD	Grindlay, Groom & Co., Bombay.
	1874 Jan. 13.	{ *BEAMISH, GEORGE HORATIO TOWNSHEND .. .. }	Spy Hill House, Queenstown, Cork.
	1880 Mar. 2.	*BEAN, ALFRED WILLIAM THOMAS	47 Prince's Square, W.
	1886 May 18.	BEAN, JOHN STENNITT, Wh. Sc.	L. & N. W. Ry., Crewe.
	1885 Apr. 14.	BEAN, WILLIAM .. ..	Belmont, Haddington, Stamford.
	1853 Dec. 6.	BEANES, EDWARD .. ..	Motlands, Paddock Wood, Kent.
	1891 Feb. 3.	{ *BEARBLOCH, CHARLES WILLIAM JOHN, R.N. .. .. }	H.M.S. "Pique," China Station.
	1883 Dec. 4.	*BEARDMORE, WILLIAM LEE ..	39 Seething Lane, E.C.
	1892 Apr. 5.	BEATTIE, GEORGE .. ..	68 George Street, Edinburgh.
	1887 Mar. 1.	*BEAUMONT, PERCY MUNRO	Boro' Surveyor, Maldon, Essex.
	1891 Jan. 13.	{ BECHER, CHARLES FREDERICK, B.E. .. .. }	County Council, Spring Gardens, S.W.
	1889 Dec. 3.	*BECHER, HARRY, B.A. .. ..	County Council, Spring Gardens, S.W.
	1893 May 16.	BECKETT, EDWARD HENRY ..	35 Queen Victoria Street, E.C.
	1885 Dec. 1.	*BECKETT, WILLIAM MARROW ..	2 Cooper Street, Manchester.
	1890 Mar. 4.	*BECKH, HARRY OSCAR, M.A.	Priory House, East Hill, Colchester.
	1872 May 7.	BECKINGSALE, EDGAR WILLIAM	Westoe, Beaufort Rd., Surbiton.
	1891 Feb. 3.	*BECKS, GEORGE ARTHUR ..	The Clone, Court Rd., W. Norwood.
m	1886 May 4.	*BECKWITH, ARTHUR .. ..	Usk Paper Works, Crickhowell. [S.E.]
	1884 May 27.	BEDSON, JOSEPH PHILLIPS ..	Parkhurst, Middlesbrough.
	1879 May 6.	*BEEMAN, JOSEPH SAMUEL ..	182 Earl's Court Road, S.W.
	1894 Jan. 9.	BEESELEY, WALTER .. ..	11 Victoria Street, S.W.
	1882 Feb. 7.	*BEEVER, BERNICE WATSON ..	9 Albert Square, Manchester.
	1896 May 5.	BEKEXN, CHARLES FREDERIC ..	Thos. Parker, Ltd., Wolverhampton.
	1887 Jan. 11.	*BELCHER, HUGH WALTER, M.A.	109 Ebury Street, S.W.
	1891 Mar. 3.	BELFIELD, REGINALD .. ..	Westinghouse Co., 32 Victoria St., S.W.
	1881 Dec. 6.	{ BELIN, AUGUSTUS ZACHARY CONSTANT .. .. }	Allée des Bois du Chenil, Le Raincy, France.
	1893 Dec. 5.	BELL, ARCHIBALD GRAEME ..	Georgetown, Demerara.
	1895 Dec. 3.	{ *BELL, ERNEST ALBERT SEYMOUR, F.C.H. .. .. }	Inglisby, Shillong, Assam.
	1881 Dec. 6.	BELL, GEORGE .. ..	Boro' Surveyor's Office, Swansea.
	1895 Dec. 3.	BELL, JAMES .. ..	32 Victoria Street, S.W.
	1889 Jan. 8.	BELL, JOHN FERGUSON .. ..	Gasworks, Stafford.
	1895 Dec. 3.	BELL, LEONARD MOORE .. ..	7 Chichester Street, Belfast.
	1896 Apr. 14.	*BELL, NORRIS GARRETT ..	Ry. Dept., Brisbane, Queensland.
	1886 May 18.	*BELL, ORIENT .. ..	46 Samuel Street, Woolwich.
	1892 Dec. 6.	*BELLAMY, CHARLES VINCENT	Roseau, Dominica.
	1883 Mar. 6.	BELLAMY, HENRY FRANKLIN ..	Selangore, Malay, S.S.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1880 Dec. 7.	*BELLASIS, EDWARD SKELTON	Fremington House, Reading.
	1880 Feb. 3.	{ *BELLINGHAM, AUGUSTUS WILLIAM HARVEY .. .. }	Tientsin, China.
	1880 Apr. 6.	BELTON, WILLIAM .. ..	Gas Light Company, Shrewsbury.
	1885 Dec. 1.	BENEST, EDWARD BENEST SHAW	Caixa 403, Rio de Janeiro.
	1894 Mar. 6.	BENEST, HENRY .. ..	15 Campbell Road, Bow, E.
	1893 Jan. 10.	*BENGOUGH, CYRIL FRANCIS ..	Urpth, Chester-le-Street.
	1891 Mar. 3.	*BENHAM, ARTHUR HOWARD ..	16 Grosvenor Gds., Willesden, N.W.
	1884 Feb. 5.	*BENHAM, PERCY .. ..	{ 4 Albert Terrace, Regent's Park, N.W. (Benham, London. 7065.)
	1882 Apr. 4.	BENNATON, NEWTON .. ..	E.F.O.B., Cachoeira, São Paulo, Brazil.
	1892 Dec. 6.	*BENNETT, GERALD WINZAR ..	The Close, Salisbury.
	1885 Apr. 14.	BENNETT, HARRY JOHN TOLER	2 Wilmer Ter., Parsonstown, Ireland.
	1889 Apr. 2.	BENNETT, JAMES BOWER ..	24 George Street, Edinburgh.
	1875 Apr. 6.	BENNETT, JOHN .. ..	13 Drayton Gds., Kensington, S.W.
	1894 Dec. 4.	*BENNETT, LIONEL VAUGHAN, B.E.	(Rockmount, Ballynahinch, Co. Down.
✠	1880 Dec. 7.	{ BENNETT, WILLIAM BENJAMIN GEORGE .. .. }	Borough Engineer, Southampton.
	1885 Dec. 1.	BEN-SAUDE, JOAQUIM .. ..	Ben-Sau de & Cie., Lisbon, Portugal.
	1881 Dec. 6.	BENSON, CHRISTIAN .. ..	F. C. del Sud, Buenos Ayres. [port.
	1886 Apr. 6.	*BENSON, DAVID EDMONDSON ..	Queenwood, Lansdowne Rd., South-
	1887 Dec. 6.	*BENSON, JOHN JAMES BOERNE	State Eng., Porbandar, India.
	1889 Dec. 3.	*BENT, BALDWIN HARRY, M.A.	Harbour Works, Ceara, Brazil.
T t ✠	1892 Jan. 12.	BERG, SIGYARD JOHNSON ..	Tamins, Graubünden, Switzerland.
	1894 May 22.	*BERINGER, OTTO LEOPOLD ..	Blantyre, British Central Africa.
	1896 May 19.	*BERKELEY, ARTHUR MOWERAY	Assam-Bengal Ry., Gauhati, Assam.
	1891 Mar. 3.	BERKLEY, MICHAEL GRAHAM	King, King & Co., Bombay.
	1895 Feb. 5.	BERNAYS, LEWIS ADOLPHUS, JR.	{ Victoria Bridge Board, Brisbane, Queensland.
	1883 Dec. 4.	BERRIDGE, ROBERT .. ..	Highlands, Old Park Rd., Enfield.
✠	1885 Dec. 1.	{ BERRINGTON, RICHARD EVANS WILLOUGHBY .. .. }	Graiseley House, Wolverhampton.
	1896 Jan. 14.	{ BERRY, ROBERT ALEXANDER JOHN .. .. }	e/o Agent, Southern Mahratta Ry., India.
	1891 Dec. 1.	BERRY, WILLIAM WALTON ..	Bridgewater Trust, Walkden, Lancs.
	1891 Apr. 7.	*BERTLIN, ANTHONY .. ..	Contractor's Office, Bromyard.
	1890 Feb. 4.	BESANT, FREDERICK WILLIAM	Govt. Rys., Colombo, Ceylon. [S.W.
	1894 Jan. 9.	*BESSEMER, ALFRED GEORGE, JUN.	27 Killieser Avenue, Streatham Hill, (Nomizo, London. 3095.)
	1886 May 18.	*BEST, HARRY ROBERTSON ..	47 Victoria St., S.W. (don. 3095.)
	1888 May 15.	BESWICK, WILLIAM HENRY ..	District Council, Exmouth.
	1880 Dec. 7.	BETTS, EDWARD PETO .. ..	Hill House, Camberley, Surrey.
	1888 Dec. 4.	BEVERIDGE, JOHN .. ..	Water Supply Dept., Sydney, N.S.W.
	1882 Feb. 7.	*BEWICK, THOMAS BURELL ..	Broad Street House, E.C. (2044.)
	1882 Mar. 7.	BEWLEY, HERBERT .. ..	Spring Hill, Birmingham.
	1889 Dec. 3.	Bews, WALTER ANSTRUTHER	Queen St., Ashby, Geelong, Victoria.
	1877 Mar. 6.	*BEYNON, GEORGE WILLIAM	G. W. Ry., Reading.
	1892 Jan. 12.	BEYNON, JOHN COWELL STARK	Box 1364, Johannesburg, Transvaal.
	1886 May 18.	BHADA, NASARYANJI DORAJI	Tansa Waterworks Bombay.
	1894 May 1.	*BICKERSTETH, EDWARD CHARLES	107 Edleston Road, Crewe.
	1882 Mar. 7.	{ BICKERTON, CHARLES HOWARD COTTON .. .. }	W. Watson & Co., Bombay.
	1894 May 1.	BICKNELL, ROBERT HENRY ..	Black Sluice Drainage, Boston.
	1875 Feb. 2.	BIERER, ALBERT OTTO .. ..	{ 8 Rue de Sannois, Cormeilles-en- Paris, Seine et Oise, France.
✠	1887 Dec. 6.	BIGGART, ANDREW STEVENSON	Baltie House, Bridgeton, Glasgow.
	1887 Dec. 6.	BIGLEY, THOMAS MOYLES ..	19 Castle St., L'pool. (Bigley, L'pool.)
	1892 Dec. 6.	*BILL, HERBERT EDWARD ..	Radford Road, Coventry.
	1892 Mar. 1.	BILTON, HENRY JOHN INWOOD	Ry. Dept., Melbourne, Victoria.
	1888 Dec. 4.	BINET, EDWARD PHILIP .. ..	36 Bodney Road, Lower Clapton,
	1892 Dec. 6.	{ *BINNIE, WILLIAM JAMES EAMES B.A. .. .. }	77 Ladbroke Grove, W. [N.E.]

Date of Election.	ASSOCIATE MEMBERS.	
1896 Apr. 14.	BINNY, WILLIAM MURRAY ..	122 Sinclair Rd., Kensington, W.
1884 Feb. 5.	*BIRCH, EDWARD ROBERT, B.E.	Birch Grove, Roserea, Ireland.
1885 Dec. 1.	*BIRD, FRANCIS TREVOR ..	S. Mahratta Ry., Bangalore, India.
1881 Dec. 6.	BIRD, GEORGE ROWLAND ..	P.W.D., Bareilly, N.W.P., India.
1883 Feb. 6.	{BIRD, HUGH WILLIAM STONE- HEWER .. .. .}	East Leake, nr. Loughborough.
1896 May 19.	*BIRD, SIDNEY JAMES ..	Ivy Bank, Portland.
1883 May 29.	*BIRD, WILLIAM HENRY ..	Eng.'s Off., G.E. Ry., L'pool St., E.C.
1843 Mar. 7.	BIRKBECK, GEORGE HENRY ..	16 Primrose Hill Road, N.W. [N.W.
1883 Apr. 3.	*BIRKETT, ROBERT .. ..	2 Winchester Av., Willesden Lane,
1892 Dec. 6.	BIRNIE, NORMAN .. ..	Ry. Dept., Melbourne, Victoria.
1894 May 1.	*BIRT, LASCELLES WILLIAM ..	20 Belsize Grove, N.W.
1890 Dec. 2.	*BIRT, RAYMOND JOHN ..	P.O., Buluwayo, Matabeleland.
1894 Mar. 6.	*BISHOP, ARTHUR WILLIAM ..	6 St. George's Chambers, Cape Town,
1892 Dec. 6.	*BISS, CYRIL HOLM .. ..	Ry. Dept., Invercargill, N.Z. [C.C.
1875 May 4.	BLABER, CHARLES OLIVER ..	{61 Ship Street, Brighton (Survey, Brighton. 2.)
1894 Feb. 6.	{BLACK, GEORGE MACARTNEY CAMPBELL .. .. .}	Tilbhoon Tea Estate, Chandkhira P.O., Karimganj, Sylhet, India.
1877 Jan. 16.	BLACKBOURN, HENRY ..	6 Queen Anne's Gate, S.W.
1885 Apr. 14.	*BLACKBURN, CHARLES HENRY	Rawal Pindi, India.
1883 Feb. 6.	*BLACKBURN, EDWARD HERBERT	6 Delahay St., Westminster, S.W.
1890 May 6.	BLACKBURN, JOHN .. ..	Colne Valley Waterworks, Bushey.
1893 May 2.	*BLACKER, JOHN RICHARD ..	Bobadilla Ry., Algeciras, Spain.
1881 Dec. 6.	BLACKETT, JAMES WILLIAM ..	{John Carruthers, 13 Victoria St., S.W. [W.
1883 Feb. 6.	*BLACKMORE, GEORGE FREDERICK	34 Wendell Rd., Shepherd's Bush,
1895 Dec. 3.	BLACKSHAW, WALTER ..	65 Thornhill Road, Croydon.
1888 Dec. 4.	BLACKSHAW, WILLIAM ..	Boro' Surveyor, Stafford.
1874 Apr. 14.	BLACKWELL, CHARLES ..	Mount Look-out, Cincinnati, U.S.
1879 Feb. 4.	BLACKWELL, LOUIS BUCKLAND	Vale Colliery, Lithgow, N.S.W.
1889 Jan. 8.	BLAINE, ROBERT GORDON, M.E.	2 Addison Rd., Wanstead, E.
1889 Jan. 8.	*BLAIR, GEORGE, JUN. .. ..	4 Kinnoul Pl., Dowanhill, Glasgow.
1878 Apr. 2.	BLAIR, JAMES MACLELLAN ..	Clutha Ironworks, Glasgow.
1884 Feb. 5.	*BLAIR, WILLIAM NISBET ..	Vestry Hall, St. Pancras Rd., N.W.
1890 Apr. 1.	BLAKE, GEORGE BENJAMIN ..	Shire Hall, Jeetho, Victoria.
1895 May 21.	BLAKE, HENRY KYNASTON ..	1 Victoria Road, Stroud Green, N.
1869 Mar. 2.	*BLAKE, JOHN HOPWOOD ..	Tower Ho., Wokingham Rd., Reading.
1881 Feb. 1.	BLAKESLEY, JOHN HOLMES, M.A.	39 Victoria Street, S.W.
1882 Jan. 10.	{BLANDY, JOHN EDWARD AUGUSTUS JENKINS .. ..}	50 The Crescent, Salford.
1869 Dec. 7.	BLAXLAND, GEORGE .. ..	Gillingham House, nr. Chatham.
1896 Apr. 14.	BLEAZBY, ROBERT, B.E. ..	P.W.D., Perth, Western Australia.
1893 Dec. 5.	BLEW, ANDERSON WEBB ..	62 Glangarry Rd., East Dulwich, S.E.
1887 May 24.	BLIZARD, JOHN HENRY ..	Lansdowne House, Southampton.
1886 Jan. 12.	{*BLOMFIELD, VALENTINE JOHN STUART .. .. .}	D.P.W., Moss Vale, N.S.W.
1877 Dec. 4.	BLOXSON, MARTIN, B.A. ..	Eng.'s Off., L. & Y. Ry., Manchester.
1887 Mar. 1.	BLUE, JOHN ALEXANDER CRAIG	37 Great George Street, S.W.
1887 Feb. 1.	*BLUETT, FREDERICK .. ..	27 Radcliffe Rd., West Bridgford,
1884 May 27.	BLUM, ALEXANDER SAMUEL ..	I. Rennigasse 3, Vienna. [Nottingham.
1886 Jan. 12.	BLUNDELL, HARRY .. ..	{M. S. & L. Ry., Eng.'s Office, London Road, Manchester.
1887 Dec. 6.	*BOAKE, JOHN FULLER ..	Caixa 62, Rio Grande, Brazil.
1891 Apr. 7.	BOATH, ROBERT .. ..	31 Nelson St., Edinburgh.
1889 Dec. 3.	BOBY, WILLIAM .. ..	{16 Union Court, Old Broad St., E.C. (Buccula, London.)
1893 Dec. 5.	BODE, HUBERT FRANCIS TORIANO	Ry. Construction Branch, P.W.D.,
1879 May 27.	*BODMER, GEORGE RUDOLPH ..	30 Walbrook, E.C. [Sydney, N.S.W.
1892 May 24.	*BODY, JOHN BENJAMIN ..	Apartado 58, Vera Cruz, Mexico.
1882 Dec. 5.	BOGER, JOHN RICHARD ..	{W. Middlesex Waterworks, Regent's Park, N.W.
1877 Dec. 4.	BOLD, EDWARD HENRY ..	Telegraph Dept., Auckland, N.Z.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1891 Dec. 1.	*BOLTON, REGINALD PELHAM ..	Pelhamville, New York, U.S.
	1879 Feb. 4.	*BOND, CECIL PHILIP WILLIAM	168 Goldhawk Rd., Shepherd's Bush,
	1889 Dec. 3.	BOND, GEORGE CRESWELL ..	Aspley House, Nottingham. [W.]
	1891 Jan. 13.	BOND, HORACE SAMUEL ..	Midland Ry., Brecon.
	1891 Mar. 3.	BOND, WALTER .. .. .	Boro' Surveyor's Office, Swansea.
	1884 Feb. 5.	{ BONN, CARL RODERIQUE LOUIS } MENNI .. .. .	160 Hope Street, Glasgow.
	1876 Dec. 5.	{ BORRADAILE, ARTHUR } FREDERICK .. .. .	Saltburn-by-the-Sea.
	1891 Feb. 3.	{ *BORROWMAN, WILLIAM } CAMERON, Wm. Sc. .. ..	2 Thornwood Ter., Partick, Glasgow.
	1893 Mar. 7.	*BOSMAN, WALTER .. ..	P.W. Off., Eshowe, Zululand (ria Natal).
	1886 Dec. 7.	*BOTHAMS, ALFRED CHAMPNEY	51 Silver Street, Salisbury.
	1877 Feb. 6.	BOTLEY, CHARLES EDWARD ..	Gasworks, Hastings.
	1892 Dec. 6.	*BOTTLE, FRANK WALKER ..	17 St. Peter's Rd., Croydon.
T t +	1879 May 27.	BOUTT, WILFRID SWANWICK ..	14 South Parade, Chelsea, S.W.
	1884 Dec. 2.	*BOULTON, JAMES FETTES ..	Praya Reclamation Wks., Hong Kong.
	1888 May 15.	BOURCHIER, EDWARD HERBERT	32 Great George Street, S.W.
	1894 Jan. 9.	BOURCOUD, AGUSTIN EMILIO	Solano 10, Cadiz, Spain.
	1883 Feb. 6.	{ *BOURKE, PALMER AUGUSTUS, } B.E. .. .. .	{ Ammunition Factory, Strictly, Sut- ton Coldfield.
	1894 May 22.	BOURNE, CHARLES .. ..	Fabbrica del Gaz, Milan.
	1884 Mar. 4.	*BOURNE, JAMES JOHNSTONE ..	5 Lausdowne Rd., Lee, S.E.
	1877 Dec. 4.	BOURNE, ROBERT WILLIAM ..	18 Hereford Sq., S.W.; and Liverpool.
	1890 Feb. 4.	*BOURNE, THOMAS JOHNSTONE	Govt. Rys., Tientsin, China.
	1873 May 6.	BOURNE, WILLIAM TEMPLE ..	Solihull, Worcester.
	1892 May 24.	*BOWDAGE, HENRY CERREY ..	27 Tweedy Road, Bromley, Kent.
	1896 Apr. 14.	*BOWDEN, ERNEST NEWTON ..	14 Ridgefield, Manchester.
	1893 Jan. 10.	BOWDEN, FREDERICK WILLIAM	Public Offices, Grassendale, L'pool.
	1893 Apr. 11.	BOWDEN, HENRY WHITE ..	{ 7 Ashchurch Park Villas, Ravens- court Park, W. [chester.
	1869 Feb. 2.	BOWDEN, JOHN .. .. .	Ridgefield, John Dalton Street, Man-
	1881 Apr. 5.	BOWEN, JOHN .. .. .	Borough Engineer, Reading.
	1890 Dec. 2.	BOWEN-JONES, WILLIAM THOMAS	Bronala, Carmarvon.
	1889 Dec. 3.	BOWER, THOMAS .. .. .	Ribble House, West Hartlepool.
+ .	1891 Dec. 1.	BOWES, ARTHUR .. .. .	Boro' Eng.'s Off., Town Hall, Salford.
	1893 Mar. 7.	BOWLES, AUGUSTUS ROBERT ..	Surveyor's Office, Sandgate.
	1894 May 1.	*BOWMAN, ERNEST JOHN VIVIAN	Bengal-Nagpur Ry., Jempur, India.
	1896 Apr. 14.	BOX, EDWARD .. .. .	Smith's Dock Co., North Shields.
	1896 Apr. 14.	BOYD, ANDREW, B.E. .. ..	48 Church St., Ballymena, Ireland.
	1877 Dec. 4.	{ BOYDELL, JAMES EDWARD } NEVILLE .. .. .	King, King & Co., Bombay.
	1880 Dec. 7.	BOYLAN, JOHN .. .. .	Colonial Bk. Bldgs., Auckland, N.Z.
	1895 Apr. 2.	*BOYLE, JOHN CHARTERS ..	Grindlay & Co., Calcutta.
	1889 Apr. 2.	*BOYS, JOHN WILLIAM TOWNSEND	Post Office, North Sydney, N.S.W.
	1893 Feb. 7.	{ *BRADFIELD, JOHN JOB CREW, } M.E. .. .. .	{ Roads and Bridges Dept., Sydney, N.S.W.
	1889 Jan. 8.	*BRADFORD, HUGH MELLER ..	Dowla's Ironworks, Glamorgan.
	1893 Feb. 7.	*BRADLEY, ARTHUR WALTER ..	Boro' Eng.'s Office, Bury, Lancs.
	1893 Dec. 5.	*BRADLEY, JAMES WILLIAM ..	Town Hall, Wolverhampton.
	1895 Dec. 3.	*BRADSHAW, JOHN BAKER ..	Royal Engineer Office, Gravesend.
	1892 May 24.	*BRADY, CHARLES ROBERT ..	Adswold, Stockport.
	1888 Mar. 6.	{ BRAGA, ANTONIO LUSTOZA } PEREIRA .. .. .	P.O. Box 612, Rio de Janeiro. [N.Z.]
	1892 May 3.	*BRAGG, JAMES WOOD, B.A. ..	Peep O'Day, Eketahuna, Wellington,
	1891 May 5.	{ BRAIN, FRANK WILLIAM } THOMAS .. .. .	Trafalgar House, Drybrook, Glos.
	1884 Dec. 2.	BRAMAH, EDWARD HENRY ..	2 Berlin Pl., Pollokshields, Glasgow.
	1883 Dec. 4.	BRAMHAM, WILLIAM .. ..	115 Bow Road, E.
	1894 Dec. 4.	BRANDRAM, ANDREW GEORGE	Main Drainage Works, Caversham.
	1864 May 24.	BRANFILL, JOHN ARTHUR CAPEL	25 Rosendale Rd., W. Dulwich, S.E.
	1863 Jan. 13.	BRASSINGTON, JOHN WATTS ..	17 Gloucester Walk, Campden Hill, W.
	1894 Dec. 4.	*BRAZIL, JOSEPH PETER .. ..	Vulcan Works, Avonside, Bristol.

	Date of Election.	ASSOCIATE MEMBERS.	
	1874 Dec. 4.	*BREARLEY, FREDERICK THOMAS	Prescot Road, St. Helen's, Lancs.
TtM m	1883 May 29.	*BRENNER, ALAN, B.Sc. .. ..	Oficina de Faros, Valparaiso, Chili.
	1880 Feb. 3.	*BRENNER, ROBERT CHARLES .. ..	5 Morningside Drive, Edinburgh.
	1890 Mar. 4.	*BREMNER, ALEXANDER .. ..	Sandringham Street, Hull.
	1895 Dec. 3.	*BREMNER-DAVIS, WILLIAM JOSEPH	University College, Bristol.
	1874 May 5.	BREXAN, GEORGE WOULFE .. ..	Argyll Square, Oban, N.B.
	1888 Dec. 4.	*BRENCHLEY, JOHN VAUGHAN	F. C. de Veracruz, Alvarado, Mexico.
	1891 Dec. 1.	BRERETON, LEONARD .. ..	Govt. Rys., Maritzburg, Natal.
	1885 Apr. 14.	*BREWER, FRANK, JUN. .. ..	44 Broadway, New York, U.S.
	1894 May 1.	BREWSTER, EDWARD, B.E. .. ..	Castlebar, co. Mayo.
	1883 May 1.	{ BREWSTER, EDWIN HENRY GEORGE .. .. . }	12 Delahay St., Westminster, S.W.
	1879 Feb. 4.	*BRICE, EDWARD ERNEST .. ..	{ Ry. Construction Dept., Sydney, N.S.W.
	1886 Mar. 2.	*BRICKNELL, FREDERICK WILLIAM	Borough Engineer's Office, Hull.
	1891 Jan. 13.	*BRIDGEWATER, HENRY JOHN .. ..	{ L. & N. W. Ry., Crow Trees, Gomer- sal, Leeds.
	1894 Dec. 4.	BRIERLEY, JOHN HENRY .. ..	Boro' Surv.'s Office, Richmond, S.W.
+	1877 Apr. 10.	BRIFFAULT, FREDERIC .. ..	6 Cathcart Rd., Kensington, S.W.
	1884 Dec. 2.	BRIGDEN, JAMES .. ..	11 Clifton Terrace, Brighton. (37.)
	1891 Dec. 1.	BRIGGS, CHARLES .. ..	Grindlay, Groom & Co., Bombay.
	1889 Mar. 5.	*BRIGHT, CHARLES, F.R.S.E. .. ..	53 West Cromwell Road, S.W.
	1889 Jan. 8.	*BRIGHT, PHILIP .. ..	2 Newgate Street, E.C.
m	1889 Dec. 3.	{ *BRIGHTMORE, ARTHUR WILLIAM, M.Sc. .. .. . }	Knighton, Rads.
	1886 Jan. 12.	*BRINKMAN, WILLIAM HENRY	Glan y Bala, Llanberis, N. Wales.
	1886 Apr. 6.	*BRINE, ERNEST AUGUSTUS .. ..	Port Louis, Mauritius.
	1892 Dec. 6.	BRITTAIN, SAMUEL GEORGE .. ..	Ry., Algeciras, Spain.
m	1880 Mar. 2.	*BRITTON, PERCY WILSON .. ..	30 St. Mary's Rd., Peckham, S.E.
	1894 Dec. 4.	BROAD, ALBERT EDWARD .. ..	{ Board of Water Supply, 341 Pitt Street, Sydney, N.S.W.
	1890 Jan. 14.	{ BRODIE, JOHN ALEXANDER, Wh. Sc. .. .. . }	3 Cook Street, Liverpool.
	1895 Dec. 3.	*BRODIE, JOHN BOYD .. ..	{ Eng.'s Office, St. Enoch Station, Glasgow.
	1886 Dec. 7.	*BRODIE, JOHN SHANKS .. ..	Town Hall, Whitehaven.
	1886 Dec. 7.	*BRODIE, ROBERT .. ..	Harbour Works, Fraserburgh, N.B.
	1877 May 29.	*BRODIE, WILLIAM PATRICK .. ..	Jhang, Punjab, India.
	1893 Dec. 5.	{ BROË, VICTOR EDGAR DE BICHIN DE .. .. . }	North Western Ry., Karachi, India.
	1884 Jan. 8.	BROOKE, WALTER .. ..	Horn's Oak Ho., Meopham, Kent.
	1891 Dec. 1.	*BROOKS, ALBERT .. ..	107 Strand, W.C.
	1891 May 12.	*BROOKS, ALFRED .. ..	Tweed River Harbour Works, N.S.W.
	1890 May 6.	BROOKS-KING, REGINALD .. ..	Gothic House, Drayton, Abingdon.
	1889 May 21.	*BROUGH, JOHN WATKINS .. ..	{ North's Portland Cement Works, Oostmalle, Belgium.
	1882 May 23.	BROUGHTON, THOMAS .. ..	Gargrave, Leeds. [Chicago, U.S.
m	1883 May 1.	*BROUGHTON, URBAN HANLON .. ..	Isabella Building, Van Buren St.,
	1885 Dec. 1.	*BROUNGER, SYDNEY GEORGE .. ..	King, Hamilton & Co., Calcutta.
	1894 May 1.	BROWN, ANDREW .. ..	110 Cannon Street, E.C.
	1891 Feb. 3.	BROWN, ARTHUR CROMPTON .. ..	Pearson & Son, Chesterfield.
	1885 Dec. 1.	*BROWN, ARTHUR KAYE .. ..	
	1890 Apr. 1.	*BROWN, ARTHUR RICHARD .. ..	75 Mark Lane, E.C.
	1884 Feb. 5.	BROWN, CHARLES EDWIN .. ..	236 Kennington Park Rd., S.E.
	1894 Feb. 6.	*BROWN, CHARLES SIDNEY VESEY	Electric Light Station, Sunderland.
	1887 Mar. 1.	BROWN, EDWARD JOHNSON .. ..	Laguna, Sta. Catharina, Brazil.
	1883 Dec. 4.	*BROWN, FREDERICK BENJAMIN	S. Brown, 37 Wadour Street, W.
	1877 Dec. 4.	*BROWN, GEORGE VAUGHAN .. ..	{ Wells & Co., 12 North Street, West- minster, S.W. (Mooring, London.)
	1882 May 23.	BROWN, GEORGE WILLIAM .. ..	Huntley, Boone & Stevens, Reading.
	1895 May 21.	BROWN, HENRY LANE .. ..	Sewerage Works, Rhyl, N. Wales.
	1877 Apr. 10.	BROWN, JOHN THOMAS .. ..	Ulverstone, The Leven, Tasmania.
m	1893 Dec. 5.	*BROWN, JOHN WALTER .. ..	7 Kendoa Road, Clapham, S.W.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1889 Dec. 3.	BROWN, JOSEPH WILLIAM ..	Boro' Engineer, West Hartlepool.
	1895 May 21.	BROWN, MATTHEW TAYLOR, B.Sc.	194 St. Vincent Street, Glasgow.
	1892 Feb. 2.	*BROWN, PETER BOSWELL ..	Hecla Works, Sheffield.
	1877 Dec. 4.	BROWN, THOMAS COMMON ..	147 Woodbridge Road, Ipswich.
	1895 May 21.	*BROWNE, GERARD MACLEAY ..	{ Bayley's Reward, Coolgardie, Western Australia.
	1889 Apr. 2.	BROWNE, JOHN .. .. .	Galkunes Ry., Portugalete, Spain.
	1893 Dec. 5.	BROWNING, GEORGE ELLIOT ..	Madras Ry., Podanur, India.
	1889 Dec. 3.	BROWNING, ROBERT ALEXANDER	Gasworks, Neath.
	1887 Jan. 11.	*BROWNIDGE, CHARLES .. ..	Boro' Engineer, Birkenhead.
	1896 Feb. 4.	BROXUP, CHARLES THOMAS ..	L. D. & E. C. Ry., Chesterfield.
	1891 Feb. 3.	BRUCE, BENJAMIN JOHN ELDER	Waterworks, Town Hall, Hull.
m	1879 Mar. 4.	*BRUCE, GEORGE BARCLAY ..	Box 232, Calgary, N.W.T., Canada.
	1892 Feb. 2.	BRUCE, HENRY .. .. .	County Bldgs., Cupar, Fife, N.B.
	1895 May 21.	BRUCE, ROBERT ARTHUR ..	Hick, Hargreaves & Co., Bolton-le-
	1888 Apr. 10.	{ *BRUCE, ROBERT NIGEL DAL- RYMPLE .. .. . }	River Don Works, Sheffield. [Moors.
+	1884 Mar. 4.	*BRUGES, CHARLES ERNEST ..	1 Victoria Street, S.W.
	1886 Apr. 6.	*BRUNDELL, HENRY AUGUSTUS	13 Avenue Road, Doncaster.
	1868 Dec. 1.	BRUNDELL, RICHARD SHAW ..	Rednolm, Thorn Rd., Doncaster
	1889 Apr. 2.	BRUNDRETT, ALEXANDER ..	Rhymney Iron Co., Rhymney, Mon.
	1885 May 19.	*BRUNLEES, HOWARD .. ..	12 Victoria Street, S.W. (3245.)
	1884 Jan. 8.	*BRUNTON, JAMES FORREST ..	Tramway Co., Karachi, India.
	1886 May 4.	BRUNTON, PHILIP GEORGE ..	Roads & Bridges Dept., Sydney.
	1889 Feb. 5.	*BRUNTON, SYDNEY LINTON ..	Are Works, Chelmsford. [N.S.W.
	1891 May 12.	*BRYANT, ERNEST WALROND ..	Bengal-Nagpur Ry., Nagpur, India.
	1892 Dec. 6.	*BRYDGES, JOHN KEMPE .. ..	{ Thomson Houston Electric Co., Augusta, Ga., U.S.
	1894 Dec. 4.	*BUCHAN, JAMES .. .. .	31 Rockland St., Cape Town, C.C.
	1891 Feb. 3.	{ *BUCHANAN, GEORGE CUNNING- HAM .. .. . }	New Dry Dock Works, Blyth, Northumberland.
	1884 Dec. 2.	BUCHANAN, JAMES BEAUMONT	Chadargat, Hyderabad, India.
	1890 Jan. 14.	*BUCHANAN, JOHN BLAIR ..	G. N. Scotland Ry., Aberdeen.
	1888 Mar. 6.	*BUCHANAN, KENNETH HUGH	62 Grafton Street, Dublin.
	1895 Dec. 3.	BUCKLEY, JOSEPH WILLIAM ..	Gasworks, Falmouth.
	1894 Feb. 6.	*BUCKNALL, HARRY .. .. .	P.W.D., Kandy, Ceylon.
	1890 May 20.	BUD, GEORGE WILLIAM .. ..	127 Long Acre, W.C.
	1890 Feb. 4.	BUDIBHATTI, KESHAVJI SHAMJI	Ex. Eng., Bhuj, Cutch, India.
	1888 May 15.	*BULL, HARRY FREESTONE ..	County Surveyor's Office, Chester.
	1881 Dec. 6.	BULL, JAMES .. .. .	Valverde, Eaton Gdns., W. Brighton.
	1876 Mar. 7.	BULL, WILLIAM .. .. .	Pembroke Ho., Oxford Rd., Redhill.
	1885 Dec. 1.	BULLOCK, CYRUS, Wb. Sc. ..	67 King Street, Manchester.
	1887 Mar. 1.	BULLOCK, FRANK .. .. .	150 Leadenhall Street, E.C.
	1885 May 19.	BULLOUGH, ROBERT CROSSLEY	L. & N. W. Ry., Gomersal, Leeds.
	1890 Dec. 2.	BULLOUGH, THOMAS ALLEN ..	Delfside, Deacon Rd., Appleton.
	1890 Feb. 4.	BULMER, GEORGE HARLEY ..	Baza, Granada, Spain. [Widnes.
	1891 Dec. 1.	*BULTEEL, HILLERSDEN ..	Naval Bank, Plymouth.
	1883 Dec. 4.	*BUNNING, CHARLES ZIETHEN ..	{ Borax Co., 2 Maeri Khan, Con- stantinople.
	1891 Apr. 7.	{ BURDEN, ALEXANDER MITCHELL, B.E. .. .. . }	County Surveyor, Kilkenny.
	1874 Jan. 13.	*BURDER, WALTER CHAPMAN ..	Horticultural Wks., Loughborough.
	1896 Jan. 14.	BURDON, JOHN .. .. .	101 Grosvenor Road, S.W.
	1892 Apr. 5.	*BURGESS, ARTHUR JOHN ..	{ 20 Chesterfield Rd., St. Andrews, Bristol.
	1888 Dec. 4.	*BURGESS, SAMUEL EDWIN ..	Vestry Office, Stoke Newington, N.
	1894 May 1.	*BURGESS, WILLIAM EDWARD	{ M. C. Bullock Mfg. Co., Chicago, Ill., U.S.
	1888 Dec. 4.	BURMAN, ERNEST SYDNEY ..	Town Hall, Melbourne, Victoria.
	1893 Dec. 5.	*BURN, GEORGE FRANK .. ..	East Fife Central Ry., Kennoway.
	1895 Dec. 3.	*BURNE, EDWARD LANCASTER	Church Acre Works, Guildford. [N.B.
	1894 Mar. 6.	*BURNETT, CUTHBERT MILLER	24 Portland St., Southampton.
	1886 Apr. 6.	*BURRELL, LEONARD .. .. .	37 Rua Santa Luzia, Rio de Janeiro.

Date of Election.	ASSOCIATE MEMBERS.	
1895 Dec. 3.	*BURROUGH, EDWARD SAVILLE	Fanswythe, Thornton Heath, [N.S.W.]
1893 Apr. 11.	BURROW, WILLIAM FREDERICK	Roads and Bridges Dept., Sydney.
1895 May 21.	BURROWS, EDMUND .. .. .	Divine, Gates & Co., Cape Town, C.C.
1892 Dec. 6.	{BURSTALL, HENRY FREDERICK WILLIAM, M.A., Wh.Sc. .. }	76 King's Road, N.W.
1888 Dec. 4.	{*BURSTALL, HENRY ROBERT JOHN, Wh.Sc. .. .. .}	76 King's Road, N.W.
1885 May 19.	BURT, ARTHUR HAZELDEIN ..	Manly, New South Wales.
1883 May 29.	*BURT, HENRY PARSALL .. ..	N. W. Ry., Lahore, India.
1888 Dec. 4.	BURTON, CLERKE .. .. .	{Vittoria Lawn, Montpellier Parade, Cheltenham.
1890 Dec. 2.	*BURTON, EDWARD, B.A. .. ..	Linton Croft, near Clitheroe.
1885 Dec. 1.	*BURTON, GEORGE LEWIS .. ..	{Holmfild, College Road, Crosby, Liverpool.
✠ 1891 May 5.	{BURTON, Prof. WILLIAM KIN- NIMOND .. .. .}	Engineering College, Tokio, Japan.
1894 Mar. 6.	BUSCARLET, FRANCIS CHARLES	
1894 Dec. 4.	BUSH, ROBERT, B.A. .. .. .	Dockyard, Liverpool.
1881 May 31.	BUSK, CHARLES WESTLY, M.A.	Box 346, Victoria, British Columbia.
1888 Jan. 10.	*BUTLER, ARTHUR HENRY WHYTE	Axim, Gold Coast.
1895 Feb. 5.	BUTLER, DAVID BUTLER .. ..	41 Old Queen St., Westminster, S.W.
1884 Feb. 5.	BUTLER, JAMES .. .. .	Box 420, Johannesburg, Transvaal.
1881 Dec. 6.	*BUTLER, JAMES SAMUEL .. ..	Brown St., Hamilton, Victoria.
1874 May 5.	BUTLER, WILLIAM FREDERIC ..	Cae Bryn, Wrexham.
1888 Dec. 4.	{BUTLER, Prof. WILLIAM ROBERT, M.E. .. .. }	King's Coll., Windsor, Nova Scotia.
1881 Dec. 6.	BUTT, HENRY WILLIAM .. ..	9 St. Thomas's St., Borough, S.E.
1887 Apr. 5.	*BYNG, EDMUND HENRY .. ..	Dancer's Hill, Barnet.
1889 Dec. 3.	BYRES, DAVID THOMSON .. ..	104 Hamilton Place, Aberdeen.
1895 Dec. 3.	BYRNE, FRANCIS FURLONG .. ..	Harbour Engineer, Drogheda.
1877 Dec. 4.	CABEZAS, ADOLFO GARCIA .. ..	Matagorda Graving Dk. Works, Cadiz.
1889 Jan. 8.	CABLE, HENRY DARLINGTON ..	Brooklyn, Walsingham Rd., Hove.
✠ 1892 Dec. 6.	*CACCIA, JULIAN EDWARD .. ..	24 Via Gino Capponi, Florence.
1882 May 2.	*CAFFIN, FRANCIS CRAWFORD	Palmers, Marlow, Bucks.
1890 May 20.	*CAFFIN, HERBERT ALEXANDER	M. S. & L. Ry., Rugby.
1894 Jan. 9.	CAINE, THOMAS .. .. .	Guildhall, Worcester.
1886 Dec. 7.	CAIRCROSS, THOMAS WILSON	Waterworks, Cape Town, C.C.
1891 Apr. 7.	*CAIRNES, FREDERICK EVELYN	Bridgewater Hotel, Worsley, Man-
1883 Dec. 4.	*CALDICOTT, HARVEY .. .. .	P.W.D., Sungei Ujong, S.S. [chester.
1887 May 24.	CALLAN, NICHOLAS .. .. .	Dowdstown, Ardee, co. Louth.
1883 May 29.	CALLANDER, RANDAL JAMES ..	Henry Foster & Co., Pernambuco.
✠ 1892 Dec. 6.	CALLAWAY, HUGH .. .. .	India General Steam Navigation Co.,
1884 May 6.	CALLCOTT, JOHN HOPE .. ..	Penang, S.S. [Calcutta.
1886 Dec. 7.	CALLEN, THOMAS .. .. .	Boro' Engineer, Kimberley, C.C.
1894 Dec. 4.	*CALVERT, THOMAS COPLEY ..	Maybank, Manly, N.S.W.
1885 Apr. 14.	CAMERON, JAMES .. .. .	16 Grafton Square, Glasgow.
1893 Dec. 5.	CAMERON, JOHN MINDORO .. ..	D.P.W., Kempsey, N.S.W.
1891 Dec. 1.	{CAMERON, WILLIAM LOCHIEL SAPTE LOVETT .. .. }	Ex. Eng., Satara, Bombay.
1887 Dec. 6.	*CAMPBELL, ADAM HORSBURGH	City Surveyor, Canterbury.
1885 Apr. 14.	CAMPBELL, ALBERT JOHNSTONE	17 Cleveland Gardens, W.
1885 Dec. 1.	*CAMPBELL, DANIEL, Jun. .. ..	Entre Rios Ry., Parana, Argentina.
1886 May 4.	CAMPBELL, GEORGE MURRAY ..	Siamese Rys., Billiter Sq. Bldgs., E.C.
1887 Apr. 5.	CAMPBELL, KENNETH FINDLATER	Boro' Engineer, Stockton-on-Tees.
1883 Dec. 4.	CAMPBELL, ROBERT LEWIS .. ..	4 Elmwood Road, West Croydon.
1886 Mar. 2.	CAMPBELL, WALTER HOPE .. ..	{Egerton, Hubbard & Co., St. Peters- burg.
1875 Apr. 6.	*CAMPBELL, WILLIAM DUGALD	46 Leinster St., Paddington, Sydney,
1881 Apr. 5.	CAMPBELL-THOMPSON, JOHN ..	Hull. [N.S.W.]
1894 May 22.	*CAMPION, FREDERIC ARTHUR	Eng.'s Dept., G.N. Ry., King's Cross, N.
1888 Apr. 10.	*CAMPION, ROBERT WILLIAM ..	G.I.P. Ry., Bombay.



Date of  
Election.

## ASSOCIATE MEMBERS.

	1892	Apr. 5.	CANBY, THOMAS .. ..	L. & N. W. Ry., Walsall.
	1889	Feb. 5.	CANDLER, THOMAS EDWARD ..	Fort Salisbury, British South Africa.
	1878	Feb. 5.	CANET, GUSTAVE ADOLPHE ..	3 Rue Vignon, Paris. [Mon.]
	1886	Jan. 12.	CANNING, THOMAS .. ..	Aragon Ho., Clytha Park, Newport,
m +	1890	Jan. 14.	*CAPPER, <i>Prof.</i> DAVID SING, M.A.	King's College, Strand, W.C.
	1885	Dec. 1.	*CAPRON, ATHOL JOHN .. ..	The Mount, Erith, Kent.
	1890	Jan. 14.	CARDEW, JOHN HAYDON .. ..	75 Pitt St., Sydney, N.S.W. (436.)
	1875	Feb. 2.	*CARDOZO, FRANCISCO CORREA DE M.	Pernambuco. [gan.]
	1896	Mar. 3.	*CAREW-GIBSON, HARRY FREDERICK	Port Talbot Ry., Maesteg, Glamor-
	1893	Feb. 7.	*CAREW-GIBSON, JOHN GEORGE	{The Crossways, Washington, Pul-
				{borough. [gow.]
	1888	Jan. 10.	*CAREY, EVELYN GEORGE ..	Sunnyside Avenue, Uddingston Glaa-
	1871	Mar. 7.	*CARPRAE, JAMES ALSTON ..	Holme Lodge, Wimbledon, S.W.
	1878	May 7.	*CARLESS, GEORGE PROCTER ..	Parry & Co., Madras.
	1877	Dec. 4.	CARLINE, JOHN .. ..	Merivale, Catford Bridge, S.E.
	1894	Feb. 6.	*CARMICHAEL, GEORGE HENRY	Bank House, Riddlesden, Keighley.
	1891	Mar. 5.	*CARNE, FREDERICK WILLIAM ..	Sirhind Canal, Ludhiana, Punjab.
m +	1893	Dec. 3.	*CARNEGIE, DAVID .. ..	26 Aeacia Villas, Plumstead Common,
	1889	Dec. 3.	*CARPENTER, JESSE FAIRFIELD	Cazenovia, New York, U.S. [S.E.]
	1889	Apr. 2.	CARPENTER, WILLIAM JOHN ..	Gasworks, Great Yarmouth.
	1891	Mar. 3.	*CARPMAEL, HENRY GIFFORD ..	P.W.D., Kwala Lampor, S.S.
	1892	Jan. 12.	CARR, ISAAC .. ..	Gas and Waterworks, Widnes.
	1894	Feb. 6.	*CARR, LAWRENCE STATTER ..	5 De Burgh Crescent, West Drayton.
	1891	Apr. 7.	*CARR, ROBERT ALFRED .. ..	Docks, Port Talbot, South Wales.
	1889	Dec. 3.	*CARRICK, HENRY HAWKSHAW	1 Oswald Ter., Newport, Middlesbro'.
	1896	Jan. 14.	*CARROLL, ALEXANDER ERNEST	L. & Y. Ry., Hunts Bank, Manchester.
	1894	Dec. 4.	*CARTE, HUMPHREY ALLEYNE ..	13 Upper Woburn Place, W.C.
	1892	Dec. 6.	*CARTE, RALPH GEORGE .. ..	P.W.D., Galle, Ceylon.
	1894	Dec. 4.	*CARTER, GEORGE FEARNLEY ..	City Engineer's Office, Leeds.
	1871	Dec. 5.	*CARTER, HENRY .. ..	{65 Victoria Street, S.W. (Sanita-
				{tion, London.)
	1884	Dec. 2.	*CARTER, RODERICK EDMOND ..	11 S. King & Co., 45 Pall Mall, S.W.
	1876	Feb. 1.	*CARTMELL, JOSEPH .. ..	Maryport and Carlisle Ry., Maryport.
	1895	Mar. 5.	*CARTWRIGHT, FRANK .. ..	Dowry Cottage, Greenmount, Bury.
	1887	Dec. 6.	{*CARUS-WILSON, <i>Prof.</i> CHARLES}	McGill University, Montreal.
			{ASHLEY, M.A. .. ..}	
	1883	Mar. 6.	*CARVER, WALTER ASPINALL ..	Rushworth, Victoria.
	1880	Dec. 7.	CARVOSO, JAMES HUSBAND ..	Eng.'s Dept., Gas Co., Dartford.
	1890	Jan. 14.	*CARY, ARTHUR PITT CHAMBERS	11 Ivydale Rd., Nunhead, S.E.
	1881	Apr. 5.	CARY, SULARDE BERNARD ..	Himalaya Ry., Darjeeling, India.
	1882	May 2.	CASE, EDWARD .. ..	New Hall, Dymchurch, Kent.
	1892	Jan. 12.	CASEBOURNE, CHARLES BASTOW	6 Eastbourne Ter., West Hartlepool.
	1891	Jan. 13.	{*CASHMAN, WILLIAM ALOYSIUS,	Eng.'s Off., G.W. Ry., Cardiff.
			{B.E. .. ..}	
	1891	Dec. 1.	CASTILLA, HENRY COUPER ..	City Surveyor, Perth, W. Australia.
	1884	Apr. 1.	{CAVALCANTI, JOSÉ BARBALHO}	Rua da Alfandega 6, Rio de Janeiro.
			{UCHÔA .. ..}	
	1892	Apr. 5.	CAWS, BYRON FRANK .. ..	R.E. Office, Prospect, Bermuda.
	1872	Jan. 9.	CHADWICK, OSBERT, C.M.G. ..	11 Airlie Gardens, Campden Hill, W.
	1882	Mar. 7.	*CHADWICK, WILLIAM, F.C.H.	King, Hamilton & Co., Calcutta.
	1889	Dec. 3.	CHALCRAFT, GEORGE BARKER	M. S. & L. Ry., Leicester. [Brazil.]
	1893	Dec. 5.	CHALMERS, GEORGE .. ..	St. John del Rey Mines, Morro Velho,
				{Ry. Construction Branch, Sydney,
				{N.S.W.
	1894	Mar. 6.	CHALMERS, NATHANIEL .. ..	Observatory, Colaba, Bombay.
	1890	Mar. 4.	*CHAMBERS, CHARLES, JUN. ..	12 Dartmouth St., Westminster, S.W.
	1891	Jan. 13.	CHAMPHON, HENRY VINE ..	Surveyor, Williamstown, Victoria.
	1878	Feb. 5.	CHANCELLOR, JOHN THORNTON	104 Queen Victoria Street, E.C.
	1880	Feb. 3.	CHANDLER, JOSEPH GEORGE ..	Ladywood, Little Park, Enfield.
	1886	Dec. 7.	CHAPMAN, ALBERT BARNES ..	Court Ho. Chambers, Buxton.
	1883	Apr. 3.	*CHAPMAN, ARTHUR DODWELL	Govt. Rys., Cape Town, C.C.
	1888	Dec. 4.	CHAPMAN, GEORGE JAMES ..	R. E. Office, Shorncliffe, Kent.
	1876	Mar. 7.	CHAPMAN, JAMES LAWRENCE ..	Woodcroft, Harrow-on-the-Hill.

Date of Election.		ASSOCIATE MEMBERS.	
	1894 Dec. 4.	*CHAPMAN, SAMUEL CHRISTOPHER	Municipal Offices, Plymouth.
	1892 May 3.	*CHAPMAN, THOMAS HOWARD ..	P. W. D., Badulla, Ceylon.
	1886 Apr. 6.	*CHARNOCK, GEORGE FREDERICK	Technical College, Bradford.
	1887 Mar. 1.	*CHARRINGTON, EDMUND ..	Mayfield, Chislehurst.
	1892 Mar. 1.	*CHARTERS, ROBERT HEARN ..	Cwm Elan, Rhayader, Rads.
✦	1885 Feb. 3.	*CHATHAM, WILLIAM ..	25 Pitt Street, Edinburgh.
m ✦	1892 Dec. 6.	*CHATTERTON, ALFRED, B.Sc.	College of Engineering, Madras.
m	1894 Apr. 3.	*CHATTERTON, BERTRAM ..	10 Mundania Rd., Peckham Rye, S.E.
	1881 Dec. 6.	*CHAUNTLE, FRANK ..	260 Gloucester Ter., Hyde Park, W.
✦	1882 May 23.	*CHENHALL, JAMES WARNE ..	Dart Vils., Totnes. (Chenhall, Totnes.)
	1885 Feb. 3.	{ *CHESTER, ALFRED BENIGNO } ALEXANDER .. .. .	Selkirk Villa, Cheltenham.
	1886 Apr. 6.	CHILD, GEORGE CHARLES ..	{ Kingstons Metal Works, Smethwick, Birmingham.
✦	1889 May 21.	CHILD, WILLIAM SAMUEL ..	Harbour Engineer, Aden.
	1887 Jan. 11.	CHILDE, HENRY SLADE ..	Wakefield. (Childe, Wakefield. 33.)
	1883 May 29.	{ *CHIPPERFIELD, WILLIAM } RICHARD HOPKINS .. ..	North St., Atherstone.
	1890 Dec. 2.	CHIRICO, EVARISTO DE ..	13 University St., Athens, Greece.
	1888 May 1.	*CHISHOLM, ROSS ..	Madras Railway, Madras.
	1894 Feb. 6.	*CHRIST, HARRY GEORGE, Wh.Sc.	8 Kestrel Avenue, Herne H., S.E.
	1881 Dec. 6.	CHRISTIE, HARRY BATHURST ..	Dan-y-graig, Porthcawl, Glamorgan.
	1890 Feb. 4.	CHRISTIE, WILLIAM INNES ..	{ Central Ry., Rosario de Santa Fé, Argentina.
	1886 Dec. 7.	*CHUBB, HARRY WITHERS ..	43 Glengall Rd., Old Kent Rd., S.E.
	1878 Jan. 15.	*CHURCHWARD, GEORGE DUNDAS	c.o. H.B.M. Consul, Tientsin, China.
	1851 May 20.	CHURCHWARD, WILLIAM HENRY	H.M. Dockyard, Pembroke.
✦	1879 Feb. 4.	{ *CHURCHWARD, WILLIAM PAT- } RICK .. .. .	Via Carlo Farini 42, Milano.
	1893 Dec. 5.	*CHUTE, JOHN HENRY CHALONER	Castle Coote, Roscommon, Ireland.
	1892 Apr. 5.	*CLAPHAM, FREDERICK RICHARD	3A Portman Mansions, Baker St., W.
	1883 Jan. 9.	CLARE, JESSE .. ..	Sleaford, Lincs.
	1885 Dec. 1.	CLARK, ALEXANDER .. ..	Kirkcaldy, Fife, N.B.
	1888 Dec. 4.	*CLARK, EDWARD GEORGE ..	F. C. Pacifico, Junin, Argentina.
	1895 Dec. 3.	CLARK, EDWIN KITSON, M.A. ..	Airedale Foundry, Leeds.
	1888 Feb. 7.	CLARK, FREDERICK DIXON ..	Boro' Engineer, Redhill, Surrey.
	1891 Feb. 3.	*CLARK, GILBERT .. ..	53 Chepstow Road, Newport, Mon.
	1893 Dec. 5.	CLARK, JAMES LAUGHLIN ..	P.W.D., Port of Spain, Trinidad.
	1894 Dec. 4.	*CLARK, WILLIAM BETHAM ..	Lauriston, Elm Road, Beckenham.
	1891 May 5.	CLARK, WILLIAM FREDERICK ..	The Poplars, Aldridge, Walsall.
	1886 May 18.	CLARKE, CHARLES HARWOOD ..	Ry. Dept., Colombo, Ceylon.
	1890 Apr. 1.	*CLARKE, CHARLES STANLEY ..	655 Calle Piedad, Buenos Ayres.
	1869 Jan. 12.	CLARKE, CHRISTOPHER JAMES ..	Bath Road, Harlington, Hounslow.
	1893 Feb. 7.	*CLARKE, EDMUND .. ..	{ Australian Bldgs., Elizabeth St., Melbourne, Victoria. [field.
	1892 Dec. 6.	*CLARKE, EDWARD .. ..	Ecton View, Hurdfield, Maccles.
	1883 Dec. 4.	CLARKE, HENRY WILLIAM ..	{ Melton House, Clifford St., South Wigston, Leicester.
	1896 May 19.	CLARKE, HERBERT .. ..	Wide Bargate, Boston, Lincs.
	1889 Dec. 3.	*CLARKE, JOHN FOLLIOTT MOSTYN	{ 18 Goldhurst Terrace E., South Hampstead, N.W.
	1888 Dec. 4.	CLARKE, WILLIAM JOHN ..	H.M. Dockyard, Malta.
	1890 Dec. 2.	*CLARKSON, THOMAS, Wh.Sc. ..	Grove Villa, Sutton, Surrey.
	1895 Dec. 3.	*CLAYPOOLE, ALPERT HENRY ..	City Engineer's Office, York.
	1865 May 2.	CLAYTON, ALFRED .. ..	Town Hall, Richmond, Victoria.
	1893 Jan. 10.	*CLAYTON, FRANK, F.C.H. ..	King, King & Co., Bombay.
	1895 Dec. 3.	*CLAYTON, RICHARD HAWORTH	58 Avenue Parade, Accrington.
	1888 Dec. 4.	*CLEAVER, HENRY LOWTHIAN ..	H. S. King & Co., 65 Cornhill, E.C.
	1883 May 1.	CLEBURNE, JAMES .. ..	Avoca Avenue, Blackrock, co.Dublin.
	1879 Mar. 4.	CLEGG, BENJAMIN .. ..	2 Burlington Place, Altrincham.
	1881 Mar. 1.	*CLEGG, CHARLES .. ..	Club de Estrangeros, Buenos Ayres.
	1892 May 3.	CLEGHORN, ALEXANDER ..	Datcha, Scotstounhill, Glasgow.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1894 May 1.	*CLEMENTS, GEORGE FINDLATER	{Electrical Dept., Govt. Rys., Sydney, N.S.W.
	1884 Apr. 1.	CLEMES, JOHN HENRY .. ..	G. H. Alexander, 83 Lordship Rd., N. Launceston, Tasmania.
	1884 May 27.	CLEMINSHAW, THOMAS STANLEY	St. Paul's Chams., Ludgate Hill, E.C.
	1879 Mar. 4.	CLEMINSON, JOHN .. ..	9 New Broad Street, E.C.
	1892 Mar. 1.	{*CLEMINSON, JOHN JAMES DAVIDGE .. .. .}	{13 Temple St., Birmingham. (Pumps, Birmingham.)
W t †	1889 Jan. 8.	CLERK, DUGALD .. ..	Ministry of Public Works, Cairo.
	1888 Dec. 4.	*CLIFTON, COURTENAY THORNTON	Masaya, Nicaragua.
	1874 May 12.	CLIMIE, WILLIAM .. ..	Temple Chambers, Brazenose Street Manchester.
	1893 Dec. 5.	*CLIREHUGH, STAMFORD VAIR	{74 Lark Lane, Sefton Pk., Liverpool
	1891 Dec. 1.	CLOUGH, ALFRED .. ..	{Southern Ry., Mount Barker, So Australia.
	1877 Dec. 4.	CLOUGH, CHARLES FREDERIC ..	
	1891 Dec. 1.	COAKES, GEORGE SHOREY, B.A.	District Council, Market Harborough.
	1889 Dec. 3.	COALES, HERBERT GEORGE ..	The Poplars, Darlington.
	1885 Feb. 3.	COATES, THOMAS .. ..	71 Cecil Avenue, Horton Park, Brad-
	1886 Feb. 2.	COATES, WILLIAM .. ..	Rangoon Foundry, Burma. [ford
	1890 Dec. 2.	COATH, DAVID DECIMUS .. ..	
	1895 May 21.	{*COBB, FREDERIC EDWARD THEODORE .. .. .}	Water Dept., Geelong, Victoria.
	1864 Jan. 12.	COBB, GEORGE HENRY .. ..	Grosvenor Hotel, Pimlico, S.W.
	1893 Dec. 5.	COBBETT, WILBERFORCE .. ..	62 West Street, Fareham, Hants.
	1879 Apr. 1.	COBBOLD, EDGAR STERLING ..	All Stretton, Church Stretton, Salop.
	1892 Dec. 6.	*COCHEMÉ, ALFRED ERNEST ..	Sirkhind Canal, Ferozepore, India.
	1889 Mar. 5.	*COCHRANE, FRANCIS JAMES ..	4 Mornington Rd., Regents Pk., N.W.
	1890 Apr. 1.	COCKBURN, ROBERT .. ..	Pennoxstone Court, Ross, Hereford.
	1889 Mar. 5.	COCKBURN, SIDNEY MANTHORP	{Timperley Transport Co., 72 Bishops-
†	1890 Feb. 4.	COCKRILL, JOHN WILLIAM ..	gate Street, E.C.
	1894 May 1.	COCKRILL, THOMAS .. ..	Boro' Surveyor, Great Yarmouth.
	1888 Feb. 7.	*COCKSHOTT, FRANCIS EDWARD	Hamlet Villa, Haverhill, Suffolk.
	1896 Feb. 4.	COLLING, EDWIN, B.Sc., WIL.Sc.	E. I. Ry., Gya, Bengal.
	1891 Feb. 3.	COE, DAVID .. ..	3 Cross Street, Manchester.
	1894 Feb. 6.	COKE, GEORGE ELSMSLEY ..	F. Adams, Jalapa, Mexico.
	1886 Apr. 6.	*COLE, CHARLES JOHN .. ..	65 Station St., Nottingham. (Mining,
	1891 Mar. 3.	COLE, HENRY GEORGE .. ..	W. Watson & Co., Bombay. [Nott.])
	1876 Mar. 7.	COLE, THOMAS .. ..	49 Eurdley Cres., Earl's Court, S.W.
	1890 Dec. 2.	*COLE, WILLIAM BARTHOLOMEW	11 Victoria Street, S.W.
	1895 Mar. 5.	COLEMAN, FREDERICK ALBERT	9 Thornhill Road, Leyton.
	1893 Feb. 7.	*COLES, FRANCIS GEORGE .. ..	65 Calabria Rd., Highbury, N.
	1886 Dec. 7.	*COLES, WALTER JOSEPH .. ..	25 The Avenue, Southampton.
	1894 Mar. 6.	COLLEN, WILLIAM, M.A., B.E.	117 East Dulwich Grove, S.E.
	1893 Jan. 10.	{COLLIER, HUGH MORTIMER HERBT. .. .. .}	5 Clanwilliam Place, Dublin.
	1887 Dec. 6.	COLLIN, ALFRED JONES .. ..	82 Huskisson St., Liverpool.
	1892 Dec. 6.	*COLLINS, ADRIAN CHARLES ..	N. E. Ry., Darlington.
	1887 Dec. 6.	COLLINS, ARTHUR ELLISTON ..	61 Old Broad Street, E.C.
†	1891 Dec. 1.	{*COLLINS, HENRY FRANCIS, A.R.S.M. .. .. .}	City Engineer, Norwich.
	1877 Mar. 6.	COLLINS, HENRY RAMSAY ..	William Street, Bathurst, N.S.W.
	1895 Dec. 3.	COLLINS, W. HEPWORTH ..	Durban, Natal.
	1891 Mar. 3.	*COLLIS, WILLIAM HENRY ..	Bradford Buildings, Bolton.
	1881 Dec. 6.	COLQUHOUN, ARCHIBALD ROSS	4 Mulgrave Street, Liverpool.
†	1888 Mar. 6.	*COLQUHOUN, WILLIAM .. ..	177 King's Rd., Camden Town, N.W.
†	1890 Feb. 4.	*COLSON, CHARLES HENRY ..	F. Morton & Co., Garston, Liverpool.
	1876 Mar. 7.	COLSON, THOMAS .. ..	H. M. Dockyard, Portsmouth.
	1882 Apr. 4.	COLSON, WILLIAM .. ..	Lake Ho., Freemantle, Southampton.
	1887 May 24.	{*COLTON, CHARLES ANDERSON COWARD .. .. .}	New Dock Works, Southampton.
	1872 Apr. 9.	COMPTON, EDMUND .. ..	Gasworks, Sydney, N.S.W.
			Maranhao, Brazil.

Date of Election.		ASSOCIATE MEMBERS.	
1884 Dec. 2.	{	COMPTON-BRACEBRIDGE, JOHN EDWARD .. .. .	3 Whitehall Place, S.W.
1887 Dec. 6.		CONCEIÇÃO, JOSÉ MARIA DA ..	Caixa 321, Rio de Janeiro.
1889 Dec. 3.		CONDON, DANIEL EDWARD, M.E.	{ 89 Donohoe Building, San Francisco, Cal., U.S. [India.
1890 Mar. 4.	*	CONES, JAMES ALFRED .. ..	L. Ganges Canal, Mainpuri, N.W.P.,
1888 May 15.		CONEY, JOHN ROBERT .. ..	Meadowfield, Sleaford, Lincs.
1891 Dec. 1.		CONNERY, DANIEL, M.E. .. ..	Price & Wills, 15 Gt. George St., S.W.
1892 Dec. 6.		CONSTANTINE, EZEKIEL GRAYSON	32 Victoria Street, Manchester.
1892 May 3.	*	CONYERS, SIDNEY WARD .. ..	{ Ry. Construction Dept., Sydney, N.S.W.
1874 Feb. 3.		CONYERS, WILLIAM .. .. .	Albury, New South Wales.
1887 Dec. 6.	*	COOK, FRANK PLANT .. .. .	Mansfield Woodhouse, Notts.
1893 Jan. 10.		COOK, JOHN .. .. .	Borough Surveyor, Lancaster.
1882 May 23.		COOKE, CHARLES EDWARD .. ..	Challinor Ho., Pitt St., Auckland, N.Z.
1876 Dec. 5.		COOKE, Professor SAMUEL, M.A.	C.E. College, Poona, Bombay.
1895 Feb. 5.		COOKSEY, DANIEL FREDERICK	99 Leinster Road, Dublin.
1895 Dec. 3.	*	COOKSON, ALFRED CHORLEY ..	108 Manor Road, Brockley, S.E.
1888 Dec. 4.	*	COOMBER, WILLIAM HORACE ..	Lancs. and Yorks. Ry., Manchester.
1884 May 27.	*	{ COOMBS, CHARLES JOHN PLUMBE, B.A. .. .. }	St. Ives, Cornwall.
1891 Dec. 1.		COOPER, ALFRED ERNEST .. ..	39 Warwick Rd., Maida Vale, W.
✠ 1880 May 25.	*	COOPER, CHARLES HAMLET .. ..	Local Board Office, Wimbledon.
1885 Dec. 1.		COOPER, JOHN .. .. .	1 Parliament Square, Edinburgh.
1894 May 1.		COOPER, LEONARD .. .. .	Montevideo, Uruguay.
1895 Dec. 3.	{	{ COOPER, RICHARD EDWARD SYNGE .. .. . }	Hillmorton Paddox, Rugby.
1893 Jan. 10.	*	COOPER, SAMUEL EDWARD .. ..	Uganda Ry., Mombasa, East Africa.
1896 May 5.		COOPER, THOMAS, M.A. .. ..	33 Gloucester Crescent, Regents Pk.,
1896 Feb. 4.	*	{ COOPER, THOMAS BRAMMALL, B.Sc. .. .. . }	2 Lyme Street, Warrington. [N.W.
1886 May 18.	{	{ COOPER, VIVIAN BOLTON DOUGLAS .. .. . }	5 Victoria St., S.W. [Megohm, London.] [tune, Hull. 30.]
1874 Feb. 3.		COOPER, WILLIAM .. .. .	Neptune Engine Works, Hull. [Nep-
1892 Mar. 1.		COOPER, WILLIAM .. .. .	27 Victoria Buildings, Manchester.
1894 Feb. 6.	*	COPE, WILFRED ARTHUR .. ..	District Council, Bromley, Kent.
1890 Dec. 2.	{	{ COPELAND, HENRY PAUL RAMSAY .. .. . }	Waterworks, Armidale, N.S.W.
1893 Dec. 5.	*	COPLAND, JOHN PEARSON .. ..	20 Sandfyord Place, Glasgow.
1895 Dec. 3.	*	{ COPLAND, WILLIAM ROBERTSON, JUN. }	146 West Regent St., Glasgow.
1890 Dec. 2.		COPLAND, WILLIAM WALLACE	Sanitary Commission, Gibraltar.
1894 Dec. 4.		COPELEY, CHARLES THOMAS ..	252 Barkerhouse Rd., Nelson, Lancs.
1896 May 19.	{	{ COPPERTHWAIT, WILLIAM CHARLES .. .. . }	8 Queen Anne's Gate, S.W.
1896 Apr. 14.	*	CORBETT, PATRICK JOSEPH .. ..	P.W.D., Hyderabad, Sind, India.
1890 Apr. 1.		CORDNER-JAMES, JOHN HENRY	Finsbury House, Blomfield St., E.C.
1893 Dec. 5.	*	CORIN, WILLIAM .. .. .	Town Hall, Launceston, Tasmania.
1892 Dec. 6.		CORNER, CHARLES .. .. .	Austin, Texas, U.S.A.
1875 Apr. 6.		CORNISH, THOMAS SMERDON ..	Belfield, East Coast, Demerara.
1878 May 28.		CORRY, JOHN EDWARD .. ..	Dom Krasillinkoff, Sevastopol.
1883 Feb. 6.	*	COSTE, JEAN LOUIS NAPOLEON	Dept. P.W., Ottawa, Canada.
1887 Apr. 5.	*	{ COTTERELL, ALBERT PLAYER ISAAC .. .. . }	7 Baldwin St., Bristol.
1866 May 15.	{	{ COTTERILL, JAMES HENRY, M.A., F.R.S. .. .. }	18 Gloucester Place, Greenwich, S.E.
1884 May 6.	*	COTTON, HENRY STREATFIELD	Hydraulic Power Co., 9 Bridge St., S.W.
1877 Feb. 6.	{	{ COTTRELL, HENRY EDWARD PLANTAGENET .. .. }	19 Cautley Av., Clapham Common, S.W.
1890 Feb. 4.	*	COUCHMAN, FRANCIS DUNDAS	King, King & Co., Bombay.
1879 Feb. 4.		COUPER, FREDERICK .. ..	New River Office, Clerkenwell, E.C.
1896 May 19.		COVENTRY, HENRY GEORGE ..	{ 90 Bolingbrooke Grove, Wandsworth Common, S.W.

Date of  
Election.

## ASSOCIATE MEMBERS.

m m	†	1887 May 3.	*COWAN, EDWARD WOODROWE ..	Vicarage Lane, Bowdon.
		1890 Feb. 4.	*COWAN, JOHN .. .. .	261 West George Street, Glasgow.
		1889 Dec. 3.	COWARD, GEORGE EDWARD ..	{ Stilwell & Sons, 21 Gt. George St., S.W.
		1896 Feb. 4.	COWLEY, JOHN JAMES .. ..	{ M. S. & L. Ry., 12 Talbot Lane, Leicester.
		1874 Jan. 13.	*COWPER, CHARLES EDWARD ..	6 Great George Street, S.W.
		1894 Dec. 4.	COX, ALEXANDER GEORGE ..	c/o H.B.M. Consul, Tientsin, China.
		1892 Dec. 6.	*COX, FREDERICK NUTTER ..	San José, Costa Rica.
		1893 May 2.	COX, FREDERICK WILLIAM ..	123 Caixa do Correio, Pernambuco.
		1876 Dec. 5.	*COX, GRIFFITH NATHANIEL ..	Kingston, Jamaica.
		1883 Jan. 9.	*COX, HORACE BOARDMAN ..	
		1881 Mar. 1.	COX, THOMAS ADEY, B.A. ..	Grindlay's, 55 Parliament St., S.W.
		1886 Dec. 7.	*CRABTREE, HENRY HERBERT ..	S. Pearson & Son, Mexico.
		1895 Dec. 3.	{ *CRABTREE, WALTER ROBINSON, M.Sc.	Zetland House, Southport.
		1883 May 29.	{ *CRABTREE, WILLIAM HENRY ROBINSON .. .. .	32 King's Rd., Doncaster. [Colony.
		1891 Dec. 1.	*CRABTREE, WILLIAM ROBSON ..	Harbour Works, East London, Cape
		1889 Dec. 3.	*CRAIG, CLARENCE .. .. .	Craigavon, Strandtown, Belfast.
		1896 Apr. 14.	CRAIG, WILLIAM .. .. .	P. W. D., Cape Town, C.C.
		1888 Apr. 10.	CRAIG, WILLIAM JEFFERS ..	{ 53 Earlham Grove, Forest Gate, E. (Cutwater, London.)
		1890 Dec. 2.	CRAMPTON, ARTHUR CECIL ..	P.W.D., Monywa, Upper Burma.
		1891 Mar. 3.	CRAVEN, ALBERT WILLIAM ..	468 Collins St., Melbourne, Victoria.
		1875 May 4.	CRAVEN, CHARLES ALFRED ..	Gasworks, Savile Town, Dewsbury.
		1870 May 3.	{ CRAWFORD, WILLIAM FRED- ERICK, B.A. .. .. .	Box 183, Johannesburg, Transvaal.
		1894 Mar. 6.	*CRAWTER, FRANK WHINFIELD ..	4 Daere Gardens, Lec, S.E.
		1881 Mar. 1.	CREASY, LEONARD .. .. .	P.W.D., Badulla, Ceylon.
		1884 Feb. 5.	CREER, ALFRED .. .. .	The Guild Hall, York.
		1896 Apr. 14.	CRESSWELL, GEORGE BELDEN ..	Assam-Bengal Ry., Silchar, India.
		1883 May 29.	CRESSWELL, JOSEPH .. .. .	54 Castle St., Dover.
		1893 May 16.	{ CRESSWELL, FREDERIC HUGH PAGE, A.R.S.M. .. .. .	Rand Club, Johannesburg, Transvaal.
		1884 Dec. 2.	CRITCHTON, WILLIAM BATEMAN ..	Vulcan Ironworks, Bradford.
		1880 Jan. 13.	CRICKMAY, WILLIAM .. .. .	{ Ferguson Bldg., Vancouver, B. Columbia.
		1894 Dec. 4.	*CRIGHTON, CHARLES .. .. .	So. Indian Ry., Negapatam, Madras.
		1888 Dec. 4.	CRIPPS, FREDERICK SOUTHWELL ..	9 High St., Sutton, Surrey.
		1881 Dec. 6.	*CROFT, HENRY .. .. .	Victoria, British Columbia.
		1889 Dec. 3.	CROFTS, CHARLES JAMES ..	Harbour Works, Port Natal.
		1895 May 21.	*CROMPTON, REGINALD HARRATT ..	{ Vale View, Hensingham Road Whitehaven.
		1882 Dec. 5.	*CRONIN, EDWARD GEORGE ..	Dept. of Rds. & Bldgs., Sydney, N.S.W.
		1879 Mar. 4.	*CROOK, HENRY TIPPING .. ..	9 Albert Sq., Manchester.
		1892 Mar. 1.	*CROOK, JOHN ROWLAND ..	Water & Drainage Dept., Hong Kong.
		1895 Dec. 3.	{ CROOKES, BERNARD HUMPHREY, M.Sc.	7 Kensington Park Gardens, W.
		1879 May 27.	CROSBIE, JAMES .. .. .	New Farm, Gamlingay, Sandy.
		1883 Dec. 4.	CROSLAND, BENJAMIN .. .. .	1 Rudolph Road, Kilburn, N.W.
		1887 May 24.	CROSLEY, WILLIAM .. .. .	{ Sucre, Puerto Berrio, U.S. Colombia. (Seecombe, Medellin. Moreing's Code.)
		1891 Dec. 1.	CROSS, ALFRED MCCALLUM ..	Waterworks, Durban, Natal.
		1882 Apr. 4.	*CROSS, AMBROSE WOOTTON ..	Boro' Surveyor, Loughborough.
		1887 Dec. 6.	*CROSS, FREDERICK WILLIAM ..	The Bridge, Walsall. (Iron, Walsall.)
		1896 May 5.	CROSS, FREDERICK WILLIAM ..	Gasworks, Leyton, Essex.
		1886 May 18.	CROSS, WILLIAM .. .. .	Priory Gas Co., Leamington.
		1888 Feb. 7.	{ CROSTHWAITE, PONSONBY MOORE, B.E. .. .. .	University Club, Dublin.
		1891 Feb. 3.	{ CROWE, PERCY BARBY GUSTAV OTTO .. .. .	39 Victoria Street, S.W.

Date of Election.	ASSOCIATE MEMBERS.	
1894 Dec. 4.	CROWTHER, JAMES ALFRED ..	Town Hall, Bootle, Lancs.
1895 Jan. 8.	*CROWTHER, THOMAS BURNSIDE	{ F. C. del Sud, Plaza Constitucion, Buenos Ayres.
1892 Jan. 12.	CROZIER, WILLIAM, JUN. ..	Shire Hall, Durham.
1887 Dec. 6.	CRUMMACK, HARKER CHARLES	Boro' Engineer, Hartlepool.
1881 May 31.	CUBITT, WILLIAM .. ..	Rumney House, Cardiff.
1891 Dec. 1.	{ *CUFFE, OTWAY FORTESCUE LUKE WHEELER .. .. }	P.W.D., Mandalay, Burma.
1895 Feb. 5.	CULLEN, EDWARD ALEXANDER	{ Harbours & Rivers Dept., Brisbane, Queensland.
1895 Apr. 2.	CULLEN, HERBERT DALE ..	Richmond Lodge, Laton Rd., Hastings.
1890 Jan. 14.	CULLIS, EDMUND JOSEPH ..	Thames & Severn Canal, Cirencester.
1881 Dec. 6.	{ CULVERWELL, GEORGE PARNALL, B.A. .. .. }	County Down Ry., Belfast.
1890 Feb. 4.	*CUMING, JAMES HENING, F.C.H.	Bengal-Nagpur Ry., Umari, India.
1895 Dec. 3.	CUNNINGHAM, BRYSSON, B.E. ..	12 Walton Park, Liverpool.
1875 Jan. 17.	CUNNINGHAM, JAMES HENRY ..	2 Ravelston Place, Edinburgh.
1883 Dec. 4.	*CURRY, WILLIAM ELMITT ..	Mulgrave Rd., Sutton, Surrey.
1888 Jan. 10.	CURRY, WILLIAM THOMAS ..	{ Wentwood Waterworks, Caerleon, Mon.
✠ 1890 May 6.	CURTIS, ALFRED HARPER, B.A.	13 South Hill Park Gardens, N.W.
1893 Apr. 11.	CUSHNY, JOHN .. ..	Box 455, Johannesburg, Transvaal.
1892 Dec. 6.	*CUST, LEOPOLD .. ..	99 Onslow Square, S.W.
1894 May 1.	*CUTBILL, HARRY WALLACE ..	Bogota, U.S. Colombia. [beth.C.C.
1890 Dec. 2.	CUTHBERT, GEORGE BLYTHE ..	Gamtoos River Bridge, <i>via</i> Port Elizabeth.
✠ 1886 Dec. 7.	*CUTLER, HENRY ALBERT ..	Boro' Engineer, Rawtenstall.
1874 May 12.	CUTLER, SAMUEL .. ..	Providence Ironworks, Millwall, E.
1889 Dec. 3.	DADABHOY, CURSETJEE .. ..	Cumballa Hill, Bombay.
1888 May 1.	DADABHOY, RATANSHAW .. ..	Bombay Ironworks, Bombay.
1891 Mar. 3.	DADLEY, BENJAMIN BAINES ..	Thames Ironworks, Blackwall, E.
1894 Jan. 9.	{ DALBY, WILLIAM ERNEST, M.A., B.Sc., Wh.Sc. }	{ Mechanical Laboratory, University, Cambridge.
1882 May 2.	DALES, JOHN HANDSLEY ..	Boreham Wood Works, Elstree, Herts.
1881 May 31.	DALLAS, JOHN EDWIN .. ..	King, King & Co., Bombay.
m ✠ 1887 Dec. 6.	*DALRYMPLE-HAY, HARLEY HUGH	20 Victoria Street, S.W.
1895 Feb. 5.	*DANA, ROBERT WASHINGTON, B.A.	325 Vauxhall Bridge Road, S.W.
1883 Jan. 9.	{ *DANFORD, GEORGE JAMES ATCHISON .. .. }	{ Mocambique Co., Beira, East Africa.
1874 Apr. 14.	DARBISHIRE, CHARLES HENRY	Plas Mawr, Penmaenmawr. [N.S.W.
1892 Dec. 6.	*DARE, HENRY HARVEY, M.E. ..	Roads and Bridges Dept., Sydney.
1883 Dec. 4.	{ DARLINGTON, FREDERICK ARTHUR .. .. }	{ 11 St. Julian's Farm Rd., W. Norwood, S.E.
1877 Feb. 6.	DARWIN, HORACE, M.A. .. ..	Huntingdon Road, Cambridge.
1873 Mar. 4.	DARWIN, SAMUEL BROTHERS ..	Gasworks, Portsmouth.
1890 Apr. 1.	*DAVENPORT, CHARLES EDWARD	Heath Bank, Nantwich, Cheshire.
1892 Dec. 6.	*DAVEY, GEORGE REGINALD ..	13 Hill Park Crescent, Plymouth.
1882 Dec. 5.	DAVIDSON, JOHN GEORGE ..	Caledonian Canal, Inverness.
1882 May 2.	DAVIDSON, JOHN PATON .. ..	The Cedars, Wells Road, Bath.
1891 Mar. 3.	DAVIES, DAVID .. ..	Cowell House, Llanelli. [Swansea.
1886 Jan. 12.	DAVIES, DAVID GEORGE .. ..	2 Claremont Villas, Oystermouth,
1888 May 1.	DAVIES, HARRY SEAGRAVE .. ..	W. Watson & Co., Bombay.
1895 Jan. 8.	DAVIES, JOHN HUBERT .. ..	Box 455, Johannesburg, Transvaal.
1876 May 2.	DAVIES, JOHN JOSEPH .. ..	Hardinge St., Perth, Wn. Australia.
1888 Dec. 4.	DAVIES, MORGAN WILLIAMS ..	17 Adelaide Street, Swansea.
1876 Apr. 4.	DAVIES, THOMAS WILBERFORCE	Wirral Ry. Contract, Poulton, L'pool.
1888 Dec. 4.	DAVIES, WILLIAM AUGUSTUS ..	Town Hall, Hounslow.
1882 May 2.	*DAVIS, ALFRED THOMAS ..	County Surveyor, Shrewsbury.
1893 Dec. 5.	DAVIS, ARTHUR CHAMIER ..	Dist. Eng., Hyderabad, Deccan, India.
1885 Mar. 3.	DAVIS, FREDERICK .. ..	{ 9 Bridge Street, Westminster, S.W. (Excalibur, London.)
1875 Jan. 12.	DAVIS, HARRY LOUIS .. ..	G.E. Ry., Eng.'s Off., Liverpool St., E.C.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1863	Apr. 14.	DAVIS, JOHN .. .. .	Bifrons, Farnboro', Hants.
	1892	May 3.	DAVIS, JOHN POOLE .. ..	Stort Navigation, Harlow, Essex.
	1891	Jan. 13.	*DAVIS, NEVILLE BROOKES ..	Waterworks Office, Leicester.
	1891	Feb. 3.	*DAVISON, AUGUSTINE CAMIBELL	531 Holloway Road, N.
	1882	Apr. 4.	DAVISON, THOMAS VINCENT ..	Boro' Surveyor, Windsor.
	1887	Apr. 5.	{ DAVISON, THOMAS VINCENT .. HERBERT .. .. .	Glebe Side, New Malden, Surrey.
	1891	Dec. 1.	*DAVY, JOHN .. .. .	Caixa 403, Rio de Janeiro.
	1892	Mar. 1.	DAVY, WILLIAM JAMES .. ..	15 Victoria Street, S.W.
	1896	Feb. 4.	DAWLARN, GILBERT JOSEPH, B.Sc.	School of Mines, Ballarat, Victoria.
	1871	Apr. 4.	DAWNAY, ARCHIBALD DAVIS ..	{ London Bridge House, E.C. (Daw- nay, London.)
	1894	May 1.	*DAWNEY, ALBERT EDWARD ..	Silk Mill, Pebmarsh, Bures, Suffolk.
	1884	May 27.	*DAWSON, ERNEST FREDERICK ..	P. W. D., Canals, Karachi, India.
	1893	Dec. 5.	*DAWSON, FREDERIC JOHN ..	Govt. Rys., Lower Umkomaas, Natal.
	1875	Dec. 7.	DAWSON, JAMES HENRY .. ..	The Grange, Tilford, Farnham, Surrey
	1895	Feb. 5.	*DAWSON, JOHN SMITH .. ..	Boro' Surv.'s Office, Ashton-under-
	1894	May 1.	DAWSON, PHILIP .. .. .	39 Victoria Street, S.W. [Lyne.
M	1879	Dec. 2.	*DAWSON, WILLIAM BELL, M.A.	Marine Dept., Ottawa, Canada.
+	1894	Feb. 6.	DAWSON, WILLIAM SAMUEL ..	Runnymede, Essendon, Victoria.
	1891	May 5.	DEAKIN, THOMAS HEDGES ..	Parkend, Lydney, Glos.
	1891	Jan. 13.	*DEANS, HAROLD, B.A. .. ..	14 Gorsey Road, Nottingham.
	1895	Jan. 8.	DEARDEN, HENRY .. .. .	Boro' Surveyor, Batley, Yorks.
	1881	May 3.	DEASE, PATRICK PAGET .. ..	King, King & Co., Bombay.
	1882	Dec. 5.	D'EHRIO, CHARLES ABRAHAM ..	99 Queen St., Melbourne, Victoria.
	1877	Feb. 6.	DEES, JAMES GIBSON .. ..	Whitehaven.
m	1890	Apr. 1.*	{ DELVES - BRIGHTON, VERNON .. WARBURTON .. .. .	Maison Schliemann, Rue de l'Univer- sité 42, Athens, Greece.
	1885	Dec. 1.	DE MELLO, CHARLES HARVEY	King, Hamilton & Co., Calcutta.
	1895	May 21.	DENHAM, HENRY MANGLES ..	10 Clarence Villas, Windsor.
	1886	Dec. 7.	*DENISON, ALBERT .. .. .	Victoria, Hong Kong.
	1886	Dec. 7.	*DENISON, GEORGE CHARLES ..	196 Cromwell Road, S.W.
	1887	Dec. 6.	DENISON, JOSEPH BASIL .. ..	Junior Carlton Club, Pall Mall, S.W.
	1886	Dec. 7.	DENNE, RALPH THOMAS .. ..	10 Douglas Avenue, Hythe, Kent.
	1881	May 31.	DENNIS, HENRY .. .. .	Rnabon, N. Wales. (Dennis, Ruabon.)
	1893	Dec. 5.	DENNIS, NELSON FREDERICK ..	Oak House, West Cowes, I.W.
	1881	Apr. 5.	*DENT, HASTINGS CHARLES ..	20 Thurloo Square, S.W.
	1886	Dec. 7.	DENTON, HENRY RICHARD JOHN	Tor Lodge, Compton, Wolverhampton.
	1885	Dec. 1.	DETSI, MIGUEL .. .. .	Rua do Imperador S. Petropolis, Rio
	1894	May 1.	*DEVENISH-MEARES, BASIL, B.E.	Port Trust, Calcutta. [de Janeiro.
	1886	Mar. 2.	DEVERELL, THOMAS CLARK ..	Box 333, Melbourne, Victoria.
	1889	Feb. 5.	{ *DEVÉRIA, LEWIS MARIE .. THEODULE .. .. .	277 Grand Trunk Rd., Howrah, India.
	1883	May 1.	*DEVONSHIRE, THOMAS EASTON	Purbright, Chislehurst.
	1884	Mar. 4.	*DEWBRANCE, JOHN .. .. .	Cranmore Place, Chislehurst.
	1891	Dec. 1.	{ DHUNJIBHOY, RUTTONJI, Khan Shahib .. .. .	31 1st Marine Street, Dhobi Talao, Bombay.
	1894	Dec. 4.	DIAZ-LOMBARDO, ISIDRO .. ..	Calle de Cocheras 11, Mexico.
	1888	Apr. 10.	DIBLEY, GEORGE .. .. .	Gaveston Place, Nuthurst, Sussex.
	1895	Dec. 3.	DICK, DAVID CRAWFORD .. ..	21 West Mithlind St., Edinburgh.
	1886	Dec. 7.	*DICKIE, ALEXANDER LOW ..	16 Albyn Terrace, Aberdeen.
+	1889	May 7.	DICKINSON, ALFRED .. .. .	{ 120 Colmore Row, Birmingham. (Traction, Birmingham.)
	1888	Dec. 4.	DICKINSON, THOMAS RUSHOLM	Burton House, Clifton, York.
	1879	Dec. 2.	*DICKSON, JOHN .. .. .	Glaidsdale Grange, Whitby.
	1895	Mar. 5.	DICKSON, NORMAN BONNINGTON	Rys., Bangkok, Siam.
	1888	Dec. 4.	DIESELHORST, WILLIAM .. ..	44 Wellington Rd., Charlton.
	1881	Dec. 6.	DIGGLE, JAMES .. .. .	Boro' Engineer, Heywood. [mouth.
	1888	Dec. 4.	*DIMIER, PAUL .. .. .	Church House, St. Peter's Rd., Bourne-
	1885	Feb. 3.	*DISNEY, GEORGE WILLIAM ..	Dist. Eng., Mozufferpore, India.
	1893	Dec. 5.	*DIX, HARRY ARTHUR .. ..	Pendinas Reservoir, Bwlehwgwyn,
	1895	Mar. 5.	DIXON, EDWARD WILSON .. ..	Astley Hey, Harrogate. [Wrexham.
	1886	Apr. 6.	*DIXON, FRANCIS CHARLES ..	Martin & Co., Jackson Ho., Calcutta.

Date of Election.	ASSOCIATE MEMBERS.	
1893 Jan. 10.	DIXON, FRANCIS EDWARD ..	38 Fishergate, Preston.
1892 Dec. 6.	*DIXON, FREDERIC BRERETON ..	50 Friends Rd., Croydon.
1892 Dec. 6.	*DIXON, ROBERT BLAND .. ..	Royal Naval College, Greenwich, S.E.
1892 Dec. 6.	*DIXON, STEPHEN MITCHEL, B.E.	{ University, Fredericton, New Brunswick.
1889 Dec. 3.	*DIXON, WILLIAM BROWN ..	P.W.D., Perak, S.S.
1891 Feb. 3.	DOBSON, SYDNEY THORNTON ..	{ St. James' & Pall Mall Electric Light Co., Carnaby St., W. [ham.
1883 Feb. 6.	*DOCKRAY, JOHN ARTHUR ..	{ Contractor's Office, Letterston, Pembroke-shire.
1891 Jan. 13.	*DODD, FRANK WILLIAM, Wh.Sc.	{ Portland Harbour Torpedo Works, Weymouth.
1890 Dec. 2.	DODD, PETER .. .. .	Surveyor's Office, Wandsworth, S.W.
1893 May 16.	{ DODD - CLARKE, RICHARD FREDERICK .. .. . }	117 St. George's Road, S.W.
1894 Jan. 9.	*DODS, JOSHUA CHALMERS ..	District Eng., South Canara, India.
✠ 1875 Dec. 7.	DOHERTY, WILLIAM JAMES ..	29 Sir J. Rogerson's Quay, Dublin.
1889 May 7.	DOLBY, ERNEST RICHARD, Wh.Sc.	8 Princes St., Westminster, S.W.
1894 Mar. 6.	*DONALD, PATRICK DUNLOP, B.Sc.	72a George St., Edinburgh.
1889 Dec. 3.	{ DONOHUE, Capt. WILLIAM EDWARD, Wh.Sc., R.A. .. }	The Castle, Dover.
1880 May 25.	*DORNING, HERBERT .. ..	41 John Dalton St., Manchester.
1883 Dec. 4.	*DOUGAL, ROBERT .. .. .	33 Great George Street, S.W.
1887 Apr. 5.	DOUGALL, ANDREW, Jun. ..	Gasworks, Tunbridge Wells.
1894 May 1.	*DOUGLAS, ALEXANDER SHARP, Jun.	Beltrees, Greenock, N.B.
1894 Jan. 9.	*DOUGLAS, GORDON .. .. .	2 Bella Vista, Rio Tinto, Spain.
1885 May 5.	DOUGLAS, JOHN .. .. .	9 Binden Rd., Shepherd's Bush, W.
1894 May 1.	*DOUGLASS, ALFRED EDWARDS	Waterworks, Paradise St., Birm'gh'm.
1895 Feb. 5.	DOUGLASS, JAMES ROBERTSON	16 Albany Street, Edinburgh.
1895 Feb. 5.	DOUGLASS, WILLIAM LISTON ..	16 Albany Street, Edinburgh.
1891 May 5.	DOVE, JOHN CHARLES .. ..	St. Nicholas Ironworks, Carlisle.
✠ 1888 Feb. 7.	{ DOWDALL, WILLIAM MAC- DONNELL MITCHELL .. .. }	Shanghai, China.
1887 Apr. 5.	DOWLEY, EDMOND POWER, B.E.	{ Murchison Goldfields, Western Australia.
t ✠ 1887 Feb. 1.	{ *DOWNES, ROBERT HENRY BURNSIDE .. .. . }	{ Goldfields Water Supply, Perth, Western Australia.
1889 Mar. 5.	DOWNING, ARTHUR JOSEPH, B.E.	94 Lower Baggot St., Dublin.
1858 Feb. 2.	DOWNING, ROBERT .. .. .	10 Park Crescent, Oxford. [N.
1893 Jan. 10.	DOYLE, KINSLEY DRYDEN, B.E.	Royal Small Arms Factory, Enfield.
1895 Feb. 5.	DRAKE, FRANCIS BRAGG .. ..	Town Hall, Richmond, S.W.
1892 Apr. 5.	DRAKE, JOHN .. .. .	Winterbank, Queensbury, Bradford.
1870 Dec. 6.	DRESSER, FREDERICK .. ..	{ 23 Edmund St., Liverpool. (Dresser Liverpool. 205.)
1890 May 6.	DREW, NAPOLEON EDWARD ..	Caixa Correio 138, Pernambuco.
1891 Dec. 1.	DRIFFIELD, EDWARD CARUS ..	{ Mining & Ry. Co., Mount Lyell, Tasmania.
1895 Dec. 3.	*DRUCE, ERNEST HARRY .. ..	{ Cape Govt. Railways, Bloemfontein, Orange Free State.
1893 Dec. 5.	*DRUMMOND, HAWTREY MARKS	Cia. de Gas, Antofagasta, Chili.
1894 Feb. 6.	{ DRUMMOND, RICHARD OLIVER GARDNER .. .. . }	Box 92, Johannesburg, Transvaal.
1887 Mar. 1.	*DRURY, ALEXANDER GRAHAM	21 Delahay St., Westminster, S.W.
1890 Apr. 1.	*DRURY, MARK EDWARD ..	22 St. Stephen's Rd., Westbourne Pk.
1892 Dec. 6.	*DRURY, RICHARD FREDERICK	55 Brockman Road, Folkestone. [W.
1891 Mar. 3.	*DRYLAND, ALFRED .. .. .	Meopham, nr. Gravesend.
1888 Mar. 6.	DUARTE, JOÃO RAYMUNDO ..	General Pedra 95, Rio de Janeiro.
1893 Feb. 7.	*DUCAT, WALTER AUGUSTUS ..	So. Mahratta Ry., Belgaum, India.
1890 Dec. 2.	DUCKHAM, HEBER .. .. .	{ 2 Royal Exchange Buildings, E.C. (Duckham, London.) [pool.
1889 Dec. 3.	*DUFF, EDWARD JAMES, Wh. Sc.	Glangarriff, Cressington Pk., Liver-
1885 Dec. 1.	*DUFF, WILLIAM AITKEN ..	Hong Kong Hotel, Hong Kong.
1889 Feb. 5.	DUFFY, RICHARD .. .. .	Casilla 284, Concepcion, Chili.



Date of  
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## ASSOCIATE MEMBERS.

	1885 Dec. 1.	*DUFFY, WILLIAM JOHN .. ..	Mordialloc, Melbourne, Victoria.
	1882 Feb. 7.	DUGUID, HARRY GREENFIELD .. ..	18 Stanley Pl., Pimlico, S.W.
	1890 Dec. 2.	DUNCAN, ALFRED JOHN .. ..	Tarnagulla, Victoria.
	1891 Jan. 13.	*DUNCAN, ANDREW .. ..	Talmine Harbour, Tongue, N.B.
	1884 Dec. 2.	DUNCAN, DAVID JOHN RUSSELL	{ Neish, Howell & Macfarlane, 66 Watling St., E.C.
	1884 May 27.	DUNCANSON, THOMAS .. ..	Municipal Offices, Liverpool.
	1888 Mar. 6.	DUNELL, CYRIL .. ..	Kodaiknall, Madura, Madras.
	1896 Feb. 4.	DUNKERLEY, STANLEY, M. Sc.	University College, Liverpool.
	1887 Dec. 6.	{ *DUNLOP, HERBERT HENRY GRAHAM .. .. .. }	S. Mahratta Ry., Hubli, India. [gow.
	1885 Mar. 3.	*DUNLOP, THOMAS .. ..	27 Kelvinside Terrace South, Glas-
	1876 Jan. 11.	*DUNN, EDWARD ALEXANDER .. ..	6 Delahay St., Westminster, S.W.
	1890 May 20.	DUNN, GEORGE BICKHAM .. ..	10 Sardinia St., Lincoln's Inn, W.C.
	1885 Jan. 13.	DUNN, PETER LIVINGSTON .. ..	{ 1218 Hyde St., San Francisco, Cal., U.S. (Clutha, San Francisco.)
	1883 Mar. 6.	DUNPHY, AUGUSTINE LOUIS .. ..	Park Lodge, Belvedere, Kent.
	1892 Dec. 6.	*DUNSCOMEE, NICHOLAS .. ..	Boro' Surveyor, Chesterfield.
	1879 Feb. 4.	*DUNSTON, ROBERT EDWARD .. ..	{ 15 Lincoln Avenue, Cortland, N.Y., U.S.A.
	1891 May 5.	*DUPRÉ, EDWARD DOWNES .. ..	182 Shirebrook Rd., Heeley, Sheffield.
	1887 Dec. 6.	DUCHEMIN, JAMES HENRY .. ..	1 Imperial Ter., Couture, Guernsey.
	1894 Mar. 6.	DURLACHER, ALEXANDER PERCY	Royal Eng. Office, Weymouth.
m †	1893 Dec. 5.	{ *DURLEY, RICHARD JOHN, B.Sc., Wh.Sc. .. .. .. }	17 Cavendish Square, Hull.
	1884 May 27.	DUTTON, SAMUEL TELFORD .. ..	Vulcan Ironworks, Worcester.
	1893 Jan. 10.	DUXBURY, THOMAS .. ..	{ 14 Grosvenor Chambers, Deansgate, Manchester. (Darwinian, Man- chester. 1806.)
	1887 Dec. 6.	DWYER, FREDERICK LAW, B.A.	Govt. Rys., Kimberley, Cape Colony.
	1887 May 3.	DYACK, WILLIAM .. ..	Burgh Surveyor, Aberdeen.
	1895 Jan. 8.	*DYKES, ALFRED HERBERT .. ..	5 Victoria Street, S.W.
†	1891 Feb. 3.	*DYMOND, EDMUND ROBERT .. ..	Millbrook, Nailsworth, Glos.
	1890 Feb. 4.	*DYSON, ROBERT CHARLES, F.C.H.	Grindlay, Groom & Co., Bombay.
	1893 Apr. 11.	EADY, GEORGE GRIFFIN .. ..	F. C. Oeste, Bragado, Argentina.
	1891 May 5.	EARL, HENRY DOUGLAS .. ..	L. & N. W. Ry., Crewe.
	1887 Dec. 6.	*EARLY, SYDNEY CHARLES .. ..	Continental Ice Co., Boulogne-s/Mer.
	1876 Apr. 4.	EARNSHAW, DANIEL .. ..	Manila, Philippines.
	1880 Apr. 6.	EARNSHAW, JOHN THOMAS .. ..	Boro' Surveyor, Ashton-under-Lyne.
	1883 May 29.	EAST, ROWLAND HARRY .. ..	F. C. Pura, Paita, Peru.
	1895 May 21.	{ EASTEN, ARTHUR MONTEFIORE WIRE .. .. .. }	Cape Govt. Rys., Bloemfontein, Orange Free State.
	1887 Dec. 6.	EASTHAM, JAMES COOK .. ..	Waterworks Office, Manchester.
	1867 Dec. 3.	EASTMAN, THOMAS .. ..	Valparaiso, Chili.
	1891 Mar. 3.	*EASTON, JAMES RAMMELL .. ..	3 Montpelier Rd., Ealing, W.
	1867 Dec. 3.	EASTON, JOHN MARSHALL .. ..	Redholm, Helensburgh, N.B.
	1877 Apr. 10.	EATON, EDWARD MICHAEL .. ..	Waterworks Office, Sheffield.
	1885 Dec. 1.	EATON-SHORE, GEORGE .. ..	Borough Surveyor, Crewe.
	1878 Feb. 5.	ECKSTEIN, WILLIAM .. ..	187 Union St., Borough, S.E.
	1883 Dec. 4.	*EDE, FRANCIS JOSEPH .. ..	Silchar, Cachar, India.
	1885 May 19.	EDEN, JOSEPH .. ..	Carlton Villa, Workington.
	1889 May 7.	*EDGE, FREDERIC JAMES .. ..	City Surveyor's Office, Manchester.
	1895 Dec. 3.	EDGEELL, ROBERT GORDON .. ..	P.W.D., Sydney, N.S.W.
m †	1883 May 29.	*EDINGER, WILLIAM HENRY .. ..	727 Commercial Road, E.
	1895 Feb. 5.	*EDMONDSON, JOHN ALFRED .. ..	Kirkstall Road, Leeds.
	1896 Jan. 14.	EDWARDES, CHARLES ARTHUR	{ Ry. Construction Branch, P.W.D., Sydney, N.S.W.
	1883 Feb. 6.	EDWARDS, ANGELO EMANUEL .. ..	19 Clifford St., Paisley Br., Glasgow.
	1875 Dec. 7.	*EDWARDS, GEORGE SELWYN .. ..	Kingsdown, Newbury.
	1896 May 19.	EDWARDS, HENRY CLAUDE JOHN	Vestry Hall, Kennington Rd., S.E.

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1895 May 21.	EDWARDS, HERBERT FRANCIS..	{ 24 Windsor Terrace, Penarth, Cardiff.
1886 Dec. 7.	{ *EDWARDS, OSBORNE ANTHONY GEORGE .. .. . }	L. & S. W. Ry., Waterloo, S.E.
* 1887 Dec. 6.	*EDWARDS, WALTER CLEEVE ..	Vryburg, British Bechuanaland.
1890 Jan. 14.	*EDWARDS, WILLIAM BEN, B.E.	The Island, Rochestown, co. Cork.
1890 Mar. 4.	{ *EGERTON, CLAUDE FRANCIS ARTHUR .. .. . }	Bengal-Nagpur Ry., Goilkora, Bengal
1881 May 31.	*EGERTON, ROBERT WALTER ..	P. W. D., Quetta, Beloochistan.
1889 Apr. 2.	EKIN, TOM CHARLES .. ..	21 Old Queen St., Westminster, S.W.
1880 Dec. 7.	ELDRIDGE, JAMES .. ..	Gasworks, Oxford.
1885 Dec. 1.	*ELIOTT, GILBERT FRANCIS ..	Marine Dept., Brisbane, Queensland.
1881 Mar. 1.	ELLERY, CHARLES STAFFORD..	Gas L. & C. Co., Up. Bristol Rd., Bath.
1886 Dec. 7.	*ELLIOT, GODFREY TURNBULL	158 Great Dover Street, S.E.
1890 May 20.	ELLIOT, MICHAEL .. ..	{ Empire Bldgs., Collins St., Melbourne, Victoria. [Colony.
1894 Feb. 6.	*ELLIOTT, HARRY HORNE ..	Govt. Rys., East London, Cape
1888 May 1.	ELLIS, WILLIAM HENRY ..	Atlas Works, Sheffield.
1886 Apr. 6.	ELMORE, JOHN OLIVER SURTEES	State Eng., Kapurthala, Punjab.
1891 May 5.	ELMS, FRANCIS .. ..	G. W. Ry., Low Level, Wolverhampton.
1884 May 27.	ELSTON, JOHN .. ..	Watson & Co., 27 Leadenhall St., E.C.
1884 Jan. 8.	ELSWORTHY, EDWARD HOUTSON	Richardson & Cruddas, Bombay.
1881 Mar. 1.	ELTON, CHARLES TIERNEY ..	G.I.P. Ry., Bombay.
1871 Dec. 5.	EMANUEL, BARROW, M.A. ..	2 Finsbury Circus, E.C. [bia.
1892 Feb. 2.	*EMERSON, AMBROSE, JUN. ..	F.C. de la Dorada, Honda, U.S. Colom.
1893 Feb. 7.	EMNOTT, WALTER .. ..	12 Grandsmere Place, Halifax.
1896 Mar. 3.	*EMTAGE, RAYMOND HOWARD..	King St., Bridgetown, Barbados.
1892 Jan. 12.	*ENGLISH, BERTRAM WILLIAM	53 St. John's Park, Blackheath, S.E.
1889 Feb. 5.	*ENGLISH, FREDERICK HENRY..	1 Danes Inn, Strand, W.C.
1892 Dec. 6.	*ENNIS, THOMAS FREDERICK ..	Gas Lt. & Coke Co., Nine Elms, S.W.
1881 Feb. 1.	ENNOT, CHARLES JOHN ..	Quinta Pimenta, Foz, Oporto.
1896 Jan. 14.	*ERICHSEN, FREDERIK OLE ..	{ Woodlands, Elmbourne Rd., Upper Tooting, S.W.
1892 Dec. 6.	*ESTCOURT, ARTHUR JOHN ..	Shillingford Works, Wallingford.
1851 Apr. 1.	ETTY, THOMAS BODLEY ..	Belmont Road, Scarborough.
m + 1887 Apr. 5.	*EUNSON, HENRY JOHN ..	Vizianagram, Madras Presidency.
1871 Feb. 7.	EUNSON, JOHN .. ..	Gasworks, Northampton. [India.
1881 Mar. 1.	EVANS, ARTHUR CLEMENT ..	Ganges Canal, Aligarh, N.W.P.,
1879 Feb. 4.	EVANS, ARTHUR GEORGE ..	9 Bridge Street, Westminster, S.W.
1887 Dec. 6.	*EVANS, EDGAR IVOR ..	District Council, Penarth, Cardiff.
1892 Mar. 1.	EVANS, EVAN .. ..	County Surveyor, Carnarvon.
1892 Mar. 1.	EVANS, WILLIAM .. ..	Drainage Works, Beverley, Yorks.
1890 Dec. 2.	{ EVANSON, FREDERICK MAC- DONNELL .. .. . }	Hazellurst, Urmston, Manchester.
1894 May 1.	EVERETT, FREDERICK CHARLES	Public Offices, Tue Brook, Liverpool.
1886 Feb. 2.	EVERETT, JOHN EDWARD ..	Sea-Wall Extension, Scarborough.
1891 Dec. 1.	*EVINGTON, HERBERT .. ..	10 Barnston Street, Hull.
1882 Dec. 5.	EWENS, PAUL .. ..	5 Austin Friars, E.C.
1893 Dec. 5.	FAIRBAIRN, EDWARD PERCY ..	Ystrad House, Knighton, Rads.
1883 May 1.	*FAIRBANK, FRANK GRAHAM ..	17A Lendal, York.
1893 Jan. 10.	{ *FAIRGRIEVE, EDGAR HUNTER, B.Sc. .. .. . }	{ 40 Marchmont Crescent, Edin- burgh.
1891 Feb. 3.	*FAIRHOLME, FREDERICK CHARLES	53 Tregunter Road, S.W.
+ 1886 Apr. 6.	*FAIRLEY, WILLIAM .. ..	Main Sewerage Board, Mortlake.
1896 May 19.	{ *FAITHFULL, FERDINAND FOR- TESCUE .. .. . }	P.W.D., Perak, S.S.
1880 Feb. 3.	{ *FAREWELL, CHARLES WILLIAM FREKE .. .. . }	Westwood, Lansdown, Bath.
1891 Dec. 1.	FARQUHARSON, ROBERT NESHAM	Assam Tea Co., Nazira P.O., Assam.
1892 May 24.	*FARQUHARSON, THOMAS, B.Sc.	Rosario Nitrate Co., per Gildemeister & Co., Iquique, Chili.
1892 May 3.	*FARR, CLINTON COLERIDGE, B.Sc.	Palmer Pl., N. Adelaide, S. Australia.

Date of Election.		ASSOCIATE MEMBERS.	
1892 Feb. 2.	FARR, WILLIAM BEAN .. ..	407 Walthall Street, Crewe.	
1896 May 19.	*FARRELL, RICHARD CRAIG .. ..	N.W. Ry., Lahore, Punjab.	
1868 Jan. 14.	FARREN, GEORGE .. ..	Carnarvon.	
1894 May 1.	*FARRINGTON, WILLIAM .. ..	Town Hall, Hoyland Nether, Barns-	
1894 Jan. 9.	FAWCETT, ARTHUR .. ..	Old Town Hall, Wakefield. [ley.	
1893 May 16.	*FAWCETT, EDMUND ALDERSON } SANDFORD .. ..	1 Victoria Street, S.W.	
1883 Mar. 6.	FAWCETT, RICHARD .. ..		
1889 May 21.	*FAWCUS, ALFRED .. ..	Cape Govt. Rys., Bloemfontein, Orange Free State.	
1887 Feb. 1.	*FEARON, HENRY SOMERVILLE	5 Great Winchester Street, E.C.	
1896 Feb. 4.	FELL, GEORGE NOBLE .. ..	11 The Avenue, Bedford Park, W.	
1884 Dec. 2.	FENDER, DAVID THOMAS .. ..	10 Victoria Street, S.W.	
1893 Dec. 5.	FENNELLY, RICHARD .. ..	Kilmore, Victoria.	
1874 Dec. 1.	*FENWICK, CHARLES RICHARD ..	1 Park Place, Leeds.	
1892 May 3.	*FERGUSON, JOHN .. ..	160 Hope Street, Glasgow.	
1886 Jan. 12.	{ FERNAU, JOHN JAMES CON- STANTINO .. ..	Nenthead House, Nenthead, Carlisle.	
1884 Dec. 2.	*FERREIRA, EDUARDO DE MORAES GOMES .. ..	Pernambuco, Brazil.	
1868 May 5.	FERREIRA, JOÃO NERI .. ..	Rio de Janeiro.	
1896 Jan. 14.	FERREIRA, JOSÉ XAVIER .. ..	{ Rua Silveira Martius 11, Rio de Janeiro. [Brazil.	
1891 Dec. 1.	*FESTA, GIULIO .. ..	Rio Grande do Sul, F. C. del Sud.	
1893 Mar. 7.	FIDLER, ALFRED .. ..	Boro' Eng.'s Office, Blackburn.	
1893 Jan. 10.	FIDLER, HENRY .. ..	Admiralty, 21 Craven St., W.C.	
1873 May 6.	FIELD, EDWARD .. ..	4 Trafalgar Square, W.C.	
1882 Dec. 5.	*FIELDEN, EDWARD BROCKLEHURST	Longford Hall, Newport, Salop.	
1894 May 1.	FIELDER, HERBERT .. ..	4 Crossfield Rd., S. Hampstead, N.W.	
1892 Feb. 2.	*FINCH, ALFRED ROBERT .. ..	Town Hall, Kensington, W.	
1888 Jan. 10.	FINDLAY, GEORGE JAMES .. ..	Glanvrafon, nr. Wrexham.	
1892 Dec. 6.	*FINDLAY, ROBERT .. ..	Board of Works, The Green, Eltham.	
1895 May 21.	*FINLAISON, HARRY GLEN .. ..	P.W.D., Cairo, Egypt.	
1882 May 2.	*FINNEY, JAMES BARRETT .. ..	P.O. Box 16, Georgetown, Demerara.	
1886 Feb. 2.	*FINNIMORE, BENJAMIN KINGTON	Kendaren, Darjeeling, India.	
1884 Dec. 2.	*FIRTH, GEORGE SEPTIMUS .. ..	G.P.O., Cape Town, C.C.	
1883 Dec. 4.	*FIRTH, SYDNEY .. ..	G.P.O., Cape Town, C.C.	
1886 Mar. 2.	FISH, ROBERT .. ..	Rose Mount, Gleneldon Rd., Streat-	
1889 Jan. 8.	FISHER, HENRY BEDWELL .. ..	L. B. & S. C. Ry., Newhaven. [ham.	
1888 May 15.	FISHER, OSMOND PHILIP, M.A.	Harlton Rectory, Cambridge.	
1885 Dec. 1.	*FISHER, SACKVILLE .. ..	10 St. Andrew's Square, Surbiton.	
1895 Dec. 3.	FISHER, WILLIAM CLARK .. ..	24 Albany Road, Ealing, W.	
1891 Apr. 7.	*FISHER, WILLIAM DIXON .. ..	Govt. Rys., Selangor, S.S.	
1890 Feb. 4.	*FITT, JOHN EDWARD .. ..	Town Hall, Hounslow.	
1889 May 7.	FITZGERALD, GERALD .. ..	Levin & Co., Wellington, N.Z.	
1876 Dec. 5.	*FITZGERALD, MAURICE F., B.A.	32 Eglantine Avenue, Belfast [N.S.W.	
1890 Dec. 2.	FITZ-GERALD, ROBERT DAVID	Roads and Bridges Dept., Sydney,	
1883 May 29.	*FITZGIBBON, GERALD .. ..	Harbour Works, Fraserburgh, N.B.	
1886 Dec. 7.	FITZ-PATRICK, ROBERT PERSE	L. D. & E. C. Ry., Chesterfield.	
1893 May 16.	FLACH, JAMES .. ..	4 Park View, West Avenue, Derby.	
1880 May 25.	*FLATT, BERNARD WILLIAM ..	{ Cape Govt. Rys., Bloemfontein, Orange Free State.	
1889 Dec. 3.	*FLAVELLE, ALBERT EDWARD ..	Wellbank, Homebush, Sydney, N.S.W.	
1890 Dec. 2.	FLAVIN, WILLIAM RICHARD ..	Waterworks, Benares, India.	
1894 Jan. 9.	FLEMING, GEORGE EDWARD ..	1 Elgin Terrace, Dowanhill, Glasgow.	
1894 May 22.	FLETCHER, ALFRED THOMAS ..	Gas and Waterworks, Leigh, Lancs.	
1894 May 1.	*FLETCHER, BERNARD MORLEY	7 Victoria Street, S.W.	
1891 May 5.	*FLETCHER, GEORGE EDWIN ..	Cale Green Villa, Stockport.	
1893 May 2.	*FLETCHER, HENRY LAVINGTON	{ General Traction Co., 5A Athol St., Douglas, Isle of Man.	
1875 Feb. 2.	*FLETCHER, JAMES RICHARD ..	4 Rectory Terrace, Gosforth-on-Tyne.	
1887 May 24.	FLETCHER, JOHN .. ..	Boro' Eng., Durban, Natal. [ter.	
† 1886 Feb. 2.	FLETCHER, JOHN WILLIAM ..	L. & N.W. Ry., London Rd., Manches-	

Date of Election.	ASSOCIATE MEMBERS.	
1892 Dec. 6.	*FLETCHER, PATRICK .. ..	Bulawayo, Matabeleland.
1891 Dec. 1.	*FLETCHER, ROBERT ALEXANDER .. ..	Bulawayo, Matabeleland.
1894 Dec. 4.	FLETCHER, WALTER JOHN .. ..	County Surveyor, Wimborne.
1892 Dec. 6.	{FLETCHER, WILLIAM WELLESLEY .. .. POLE .. .. .}	Wishford Estate, Lindoola, Ceylon.
1875 Feb. 2.	FLOOD, FREDERICK, M.A. .. ..	Denfield, Dorking.
1894 Dec. 4.	FLOWER, THOMAS JAMES MOSS- .. ..	Carlton Chams., Baldwin St., Bristol. (Moss-Flower, Bristol, 756.)
1890 May 20.	FOORD, HERBERT TAYNTON .. ..	Bursledon, Southampton.
1887 Mar. 1.	FOOT, FREDERICK ROBERT .. ..	22 Foxcombe Rd., Lower Weston.
1888 Mar. 6.	*FORBES, ANDREW .. ..	Kingsbury, Clifton, York. [Bath.
1896 Mar. 3.	*FORBES, HENRY KEITH .. ..	Cwm Elan, Rhayader, Rada.
1873 May 6.	FORD, ARCHIBALD HENRY .. ..	11 High Street, Portsmouth.
1892 May 24.	{*FORD, CHARLES FREDERICK .. .. VERNON .. .. .}	Marehay Main Colliery, Ripley, Derby.
1883 May 29.	*FORD, HENRY WALTER .. ..	Calle Constitucion 1464, Buenos Ayres.
1889 Jan. 8.	*FORD, HUGO ROBERT .. ..	Reconquista 268, Buenos Ayres.
1889 Apr. 2.	FORD, JAMES THOMAS .. ..	{Magdalena Ry., Cartagena, U.S. Colombia.
1891 Dec. 1.	FORD, JOHN CUNNINGHAM .. ..	Cooke & Sons, 8 Victoria St., S.W.
1894 Mar. 6.	*FORD, THOMAS WHARTON .. ..	49 Fellows Road, Hampstead, N.W.
1890 Apr. 1.	FORDER, WALTER GEORGE .. ..	{Sunningdale, Bensham Manor Rd., Thornton Heath.
1895 May 21.	FORGIE, JAMES .. ..	J. H. Greathead, 15 Victoria St., S.W.
1894 Dec. 4.	FORREST, JOHN CHARLES .. ..	{Holly Bank Colliery, Essington, Wolverhampton.
1896 Apr. 14.	{*FORREST, WILLIAM ROBERTSON .. .. LIDDERDALE.	Eng's Office, N.E. Ry., Darlington.
1896 Mar. 3.	*FORRESTER, ARTHUR LIVESEY .. ..	L. T. & S. Ry., Hornchurch, Essex.
✠ 1894 May 22.	{FORSTER, CHARLES EDWARD, .. .. B.A. .. .. .}	Colonial Sugar Refining Co., Sydney, N.S.W.
1882 Dec. 5.	{FOSTER, EDWARD WILLIAM .. .. PERCEVAL .. .. .}	P.W.D., Cairo.
1890 Dec. 2.	FOSTER, FRANK .. ..	F. C. Oeste, Tolosa, Argentina.
1891 Dec. 1.	{*FOSTER, HENRY LLEWELLYN .. .. THOMAS .. .. .}	Electric Supply Corporation, Davies Street, W.
1893 Mar. 7.	*FOSTER, JOHN FRANCIS .. ..	Avenue Chambers, Belfast.
1890 Feb. 4.	FOTHERGILL, JOHN REED .. ..	1 Bathgate Ter., West Hartlepool.
1886 Mar. 2.	FOWLE, FULWAR CRAVEN .. ..	Nagpur, C.P., India.
1889 Jan. 8.	{*FOWLER, ALEXANDER FAR- .. .. QUHARSON .. .. .}	Ribble Navigation, Preston. (Ribble, Preston.)
1892 Dec. 6.	*FOWLER, COLIN PROUD .. ..	Harbour Commission, Llanelly.
1887 Dec. 6.	{FOWLER, THOMAS WALKER, .. .. M.C.E. .. .. .}	Blaris, Carlyle St., Hawthorn, Mel- bourne, Victoria.
✠ 1885 Feb. 3.	{FOWLER, WILLIAM HENRY, .. .. Wh. Sc. .. .. .}	Calderbank Av., Flixton, Man- chester.
1886 Feb. 2.	*FOX, CHARLES HEYLAND .. ..	Broad St. Ho., Old Broad St., E.C.
1893 Dec. 5.	*FOX, FRANCIS DOUGLAS, B.A. .. ..	Springfields, Brackley, Northants.
1873 Feb. 4.	FOX, FRANCIS WILLIAM .. ..	14 Dean's Yard, Westminster, S.W.
1890 Feb. 4.	*FOX, GUILHERME HENRIQUE .. ..	Govt. Eng.'s Office, Selangor, S.S.
1893 Jan. 10.	*FOX, JOHN RICHARD STRATFORD .. ..	1190 Tucuman, Belgrano, Buenos Ayres.
1872 Mar. 5.	FOX, WILLIAM HENRY .. ..	Boro' Eng. & Sur., Barrow-in-Furness.
1884 Feb. 5.	FRANCIS, HARRY .. ..	Waterworks Office, Devonport.
1884 Dec. 6.	FRÄNCKEL, EDWARD .. ..	Atlas Works, Stockholm.
1879 Feb. 4.	FRANCKEN, WILLIAM AUGUSTUS .. ..	Grindlay's, 55 Parliament St., S.W.
1891 Apr. 7.	FRANKLIN, LUKE, B.E. .. ..	Clifton Bank, Clifton Rd., Prestwich.
1894 Jan. 9.	*FRANKS, THOMAS WILLIAM .. ..	Boro' Surveyor, Lewes. [Manchester.
1892 May 3.	FRASER, ALEXANDER ORME .. ..	Madresfield, Malvern.
1881 Dec. 6.	*FRASER, ERNEST GORDON .. ..	H. S. King & Co., 65 Cornhill, E.C.
1895 May 21.	FRASER, JAMES .. ..	58 Bridge Street, Sydney, N.S.W.
1890 Apr. 1.	FRASER, WILLIAM .. ..	270 Cowbridge Rd., Canton, Cardiff.
1873 May 20.	FRASER, WILLIAM JOHN .. ..	121 Adelaide Rd., Hampstead, N.W.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1895 Dec. 3.	FRECH, ALFRED SIGISMUND ..	Port Works, Buenos Ayres.
	1893 May 2.	FREEMAN, FRANCIS BREAKEY ..	Box 64, Orange Valley, New Jersey,
	1877 Dec. 4.	FREEMAN, HENRY SOMERSON ..	Gasworks, Wandsworth, S.W. [U.S.]
	1895 Apr. 2.	*FREERE, FRANK HORACE .. ..	Byfield, Northants.
	1890 Dec. 2.	FREW, ROBERT DIXON ALISON ..	Overend & Co., Brisbane, Queensland.
	1891 Apr. 7.	{*FRIEDERICH, HERBERT FERDINAND .. .. .}	14 Old Queen St., Westminster, S.W.
	1893 Dec. 5.	FRIEND, ASTLEY PASTON .. ..	{ North Cray Cottage, North Cray, Kent.
	1888 Feb. 7.	*FROBISHER, EDWARD .. ..	Boro' Engineer's Office, Leicester.
	1884 Dec. 2.	FROGGATT, WILLIAM .. ..	Chapelton, Sheffield.
	1882 Dec. 5.	*FROST, HENRY FRANCIS BURNES	King, Hamilton & Co., Calcutta.
	1894 Dec. 4.	FRY, ALFRED BLOUNT .. ..	Albany, Western Australia.
	1886 Dec. 7.	FRY, WILLIAM HENRY .. ..	Portland Ho., Bury Rd., Gosport.
	1893 Dec. 5.	*FUHR, HENRY HANNAY .. ..	P.W.D., King William's Town, C.C.
	1887 Dec. 6.	FUJIKURA, KENTATSU .. ..	{ Atagomachi Sanhome, Shiba, Tokio, Japan.
	1890 Jan. 14.	FULTON, DAVID .. ..	5 John Dalton Street, Manchester.
	1893 Dec. 5.	*FURNESS, GEORGE JAMES .. ..	Roundwood House, Willesden, N.W.
	1888 Jan. 10.	{GAFFNEY, FRANCIS SEBASTIAN BURKE .. .. .}	P.W.D., Malacca, S.S.
	1896 May 19.	GAFFNEY, STAFFORD, B.E. .. ..	39 Raglan Road, Dublin.
	1892 Dec. 6.	*GAGE, JOHN FRANKLIN .. ..	{ Compania Simondoco, c/o Señor Jose Maria Cortez, Bogota, U.S. Colombia.
m	1877 May 29.	GALBRAITH, JOHN, M.A. .. ..	School of Practical Science, Toronto.
✠	1894 Dec. 4.	*GALE, ARTHUR ROBERT .. ..	5 Ashburnham Rd., Bedford.
m	1889 May 21.	*GALE, CHARLES HENRY .. ..	Public Works Office, Hong Kong.
	1884 Feb. 5.	GALE, ROBERT MACNISH .. ..	
	1893 Dec. 5.	*GALE, WILLIAM MORRIS .. ..	18 Huntly Gdns., Kelvinside, Glasgow.
	1895 May 21.	GALE, WILLIAM WILLIS .. ..	Surveyor's Office, East Grinstead.
	1891 Mar. 3.	{*GALES, ROBERT RICHARD, F.C.I. .. .. .}	King, King & Co., Bombay.
✠	1884 May 27.	GALLON, WILLIAM .. ..	Vestry Hall, Upper St., Islington, N.
	1877 Dec. 4.	{*GALLOWAY, THOMAS LINDSAY, M.A. .. .. .}	Argyll Colliery, Campbeltown, N.B.
	1880 Dec. 7.	GAMBLE, SIDNEY GOMPERTZ .. ..	Fire Brigade, Southwark, S.E.
	1892 Dec. 6.	GANDON, JOHN .. ..	Ottoman Gas Company, Smyrna.
	1889 Mar. 5.	*GARBUTT, MATTHEW .. ..	40 Gt. James St., Bedford Row, W.C.
	1894 Dec. 4.	{*GARDNER, JOHN WISHART FAIRLIE .. .. .}	15 Waverley Gardens, Crossmyloof, Glasgow.
	1890 Apr. 1.	*GARLAND, ERNEST TALBOT COPE	Taiping, Perak, S.S.
	1891 May 5.	*GARRARD, JOHN JERVIS .. ..	Nondweni, Zululand.
	1895 Apr. 2.	GARRATT, HERBERT ALFRED .. ..	5 Rockleaze Av., Sneyd Pk., Bristol.
	1895 Feb. 5.	*GARRETT, FRANK, JUN. .. ..	Leiston Works, Suffolk.
	1890 Dec. 2.	GARRETT, HENRY AUGUSTUS .. ..	Town Surveyor, Torquay.
	1895 Dec. 3.	GARSDIE, EDWARD .. ..	{ Town Hall Chambers, Ashton-under-Lyne.
	1891 Dec. 1.	GARSON, GEORGE, B.Sc. .. ..	{ Eng.'s Off., Waranga, Rushworth, Victoria.
	1892 May 21.	GARTHWAITE, JOHN GEORGE .. ..	Engineer's Office, Guildhall, E.C.
	1895 Jan. 8.	*GASK, PERCY TILLSON .. ..	29 Victoria Cres., Eccles, Lancs.
	1892 Jan. 12.	GASKELL, JOHN BERRIDGE .. ..	Ry. & Estate Co., Milford Haven.
	1894 Dec. 4.	GATEHOUSE, TOM ERNEST .. ..	60 Gresham Road, Brixton, S.W.
	1891 Feb. 3.	*GATES, CHASEMORE PHILIP .. ..	{ 20 Howe Street, Higher Broughton, Manchester.
	1882 Dec. 5.	*GATES, WILLIAM HAYDEN .. ..	11 Park Av., Willesden Park, N.W.
	1887 Apr. 5.	GATT, LORENZO .. ..	10 Strada Seconda, Floriana, Malta.
	1893 Mar. 7.	*GELSTON, ROBERT .. ..	74 George Street, Limerick.
	1882 Dec. 5.	*GEORGE, DUNCAN .. ..	King, King & Co., Bombay.
	1894 Mar. 6.	GERRAND, DAVID .. ..	
✠	1890 Dec. 2.	GHOSH, JOGINDRA NATH .. ..	District Eng., Barisal, Bengal.

	Date of Election.	ASSOCIATE MEMBERS.	
	1866 Feb. 6.	GIBB, EASTON .. .. .	Beamsley Hall, near Skipton.
	1892 Feb. 2.	GIBBINS, WILLIAM DICKINS ..	63 Victoria Road, Northampton.
	1888 May 15.	GIBBON, EDWARD HARVEY ..	Asst. City Eng., Brisbane, Queens-
	1874 May 5.	*GIBBONS, CHARLES PRESTON ..	3 Marine Parade, Gravesend. [land.
	1889 Feb. 5.	{GIBBONS, GEORGE BENJAMIN ALBERT .. .. .}	Holmside, St. James Road, Dudley.
m +	1891 Dec. 1.	*GIBBS, LAWRENCE .. .. .	P.W.D., Hong Kong.
	1893 Jan. 10.	*GIBSON, GEORGE LAMBERT ..	Northcote, Southall.
	1890 Jan. 14.	*GIBSON, NORMAN WALTER JOHN	43 Fellows Rd., S. Hampstead, N.W.
+	1868 May 5.	GIBSON, THOMAS .. .. .	{3 Victoria St., S.W. (Screwpile, London.)
	1885 Dec. 1.	*GIFFORD, EDWARD .. .. .	Ferndale, Melbourn, Cambridge.
	1890 Jan. 14.	*GIFFORD, HERBERT JAMES ..	Walsingham Ho., Piccadilly, W.
	1891 May 5.	{*GILBERT, CHARLES HUMPHREY, Wh. Sc. .. .. .}	Eng.-in-Chief to the Navy, Val- paraiso, Chili.
	1895 Feb. 5.	*GILBERT, THOMAS STEPHEN, B.E.	Harbour Office, Belfast.
C +	1893 Dec. 5.	*GILBERT, WILLIAM, Wh.Sc. ..	Tower Wks., Wembley Park, Harrow.
	1885 Dec. 1.	*GILES, WALTER .. .. .	The Maples, Ventnor, I.W.
	1883 Dec. 4.	GILL, ALBERT AUGUSTUS ..	35 Commercial Road, Pimlico, S.W.
	1886 May 4.	GILL, JOHN .. .. .	Lea Hurst, Bangor.
	1888 Apr. 10.	GILL, JOHN .. .. .	Imperial Road, Fulham, S.W.
+	1878 Feb. 5.	*GILL, JOHN CHARLES .. ..	Municipal Offices, Peterboro'.
	1884 Mar. 4.	*GILL, LEONARD ALDRIDGE ..	37 Lamb's Conduit Street, W.C.
	1886 Dec. 7.	GILLESPIE, JOHN .. .. .	Government Rys., Cape Town, C.C.
	1889 Dec. 3.	GILLIES, JAMES DOUGLAS ..	Greymouth, New Zealand.
	1889 Dec. 3.	*GILLINGHAM, ALFRED JOHN ..	Casilla Correos 1669, Buenos Ayres.
	1894 May 1.	*GILL-JENKINS, DANIEL .. ..	{Coromandel Gold Mining Co., Mysore, India.
	1895 Jan. 8.	GILLMAN, GUSTAVE .. .. .	Gt. Southern Ry., Aguilas, Spain.
	1891 Dec. 1.	GILMOUR, ROBERT .. .. .	Municipal Buildings, Greenock, N.B.
	1862 Feb. 4.	GIRDLESTONE, HENRY JOHN ..	5a Garrick St., Covent Garden, W.C.
	1884 Dec. 2.	*GLEADOW, FREDERIC .. .. .	13 Victoria Street, S.W.
	1896 Jan. 14.	*GLOVER, GEORGE TERTIUS ..	N.E. Ry., Loco. Dept., Gateshead.
	1886 Jan. 12.	GLOVER, JAMES, M.A. .. ..	Holly House, Lowton, Lancashire.
	1887 Dec. 6.	GLOVER, RALPH STEPHEN, M.E.	Midland Ry., Betwa, India.
	1891 Dec. 1.	*GLOVER, THOMAS .. .. .	Bengal Iron & Steel Co., Burrakur,
+	1888 Dec. 4.	*GLOYNE, ROBERT MAYNARD ..	Town Hall, Eastbourne. [Calcutta.
	1885 Feb. 3.	GODAI, RIYOSAKU .. .. .	{Handa Silver Mine, Fukushima Ken, Dategori Koorishiku, Japan.
	1891 Mar. 3.	GODFREY, ARTHUR HILL .. ..	Box 1364, Johannesburg, Transvaal.
	1895 May 21.	*GODFREY, BERNARD .. .. .	Borough Surveyor, Droitwich.
	1888 Apr. 10.	GODFREY, ROBERT .. .. .	King's Heath, Birmingham. [zuela.
	1894 May 22.	GONZALEZ, ADOLPHUS JOSEPH	Boulton & Co., Puerto Cabello, Vene-
	1880 Dec. 7.	*GOOCH, GEORGE .. .. .	Barrow Gurney, near Bristol.
	1888 Dec. 4.	*GOOD, GEORGE LACY .. .. .	Table Bay Harbour, Cape Colony.
	1894 Dec. 4.	GOOD RICHARD HENRY .. ..	Waterford & Limerick Ry., Waterford.
	1890 Mar. 4.	*GOODALL, CLARENCE NOËL ..	77 Tierney Rd., Streatham Hill, S.W.
	1886 Apr. 6.	*GOODALL, THOMAS EDWARD ..	57 Fitzroy Rd., Regent's Park, N.W.
	1878 Feb. 5.	{*GOODFELLOW, ARTHUR TRETH- OWAN .. .. .}	Nagpur, C.P., India.
	1884 Apr. 1.	GOODFELLOW, CHARLES EDWARD	11 Adam St., Adelphi, W.C.
	1894 Feb. 6.	*GOODMAN, JAMES .. .. .	Grand Junction Waterworks, Brent-
M m +	1887 Dec. 6.	*GOODMAN, Prof. JOHN, Wh.Sc.	Yorkshire College, Leeds. [ford.
	1894 Dec. 4.	*GOODMAN, RICHARD .. .. .	{Harrington Cottage, Kew Bridge Road, Brentford.
	1889 Apr. 2.	GOODYEAR, HERBERT .. .. .	Boro' Engineer, Colchester.
	1890 Dec. 2.	GORDON, CHARLES GRIMSTON ..	Whitehall Club, Parliament St., S.W.
	1888 Apr. 10.	GORDON, HENRY ANDREW .. ..	P.W.D., Wellington, N.Z.
	1894 Dec. 4.	GORDON, JOHN .. .. .	Burgh Surveyor's Office, Aberdeen.
	1886 Dec. 7.	GORDON, WEBSTER BOYLE ..	H. S. King & Co., 45 Pall Mall, S.W.
	1876 Mar. 7.	GORMAN, WILLIAM AUGUSTUS	{187 Westminster Bridge Road, S.E. (Siebe, London.)
	1887 May 3.	GOSLETT, CHARLES ALFRED ..	426 Carroll St., New Orleans, U.S.

Date of  
Election.

## ASSOCIATE MEMBERS.

1893 Dec. 5.	*GOSTLING, HERBERT CHARLES	Cordoba Ry., Rosario, Argentina.
1877 Dec. 4.	*GOTTO, ARTHUR CHARLES ..	Corry & Co., Prince's Dock, Belfast.
1884 Dec. 2.	*GOTTO, PERCY MURLY ..	116 Gresham House, E.C.
1895 Jan. 8.	GOTTO, PETER .. ..	50 Queen Anne's Gate, S.W.
1882 May 2.	GOULD, ROBERT .. ..	F. C. del Sud, Buenos Ayres.
1892 Jan. 12.	GOULDEN, THOMAS .. ..	Gasworks, Beekton.
1891 Feb. 3.	GOUMENT, CHARLES ERNEST VERRÉ	P. W. D., Simla, India.
1891 Dec. 1.	GOW, JOHN .. ..	The Oaks, Blakiston, S. Australia.
1884 May 27.	GRAÇA, JOAO CORDEIRO DA ..	141 Rua dos Ourives, Rio de Janeiro.
1878 Feb. 5.	GRAFTON, ALEXANDER .. ..	Vulcan Works, Bedford. (Grafton.)
1874 Apr. 14.	GRAHAM, FRANCIS EDMOND ..	120 Mount Street, W. (Bedford.)
1891 Dec. 1.	GRAHAM, JOHN .. ..	G. I. P. Ry., Bombay.
1893 Apr. 11.	GRAHAM, MAURICE .. ..	{Transport Appliance Works, Brook St., Smethwick, Birmingham.
1877 May 1.	GRANT, ALEXANDER .. ..	Maryhill, Inverness.
1857 Feb. 3.	GRANT, CHARLES HENRY ..	Addlestone, Hobart, Tasmania.
1883 Dec. 4.	GRANT, ROBERT CAMPBELL ..	13 Walbrook, E.C.
1870 Apr. 5.	*GRAVELL, DAVID .. ..	6 Queen Anne's Gate, S.W.
1886 Jan. 12.	GRAY, ANDREW PATON .. ..	Govt. Rys., Colombo, Ceylon.
1888 May 15.	GRAY, CHRISTIAN HAMILTON ..	Telegraph Works, Silvertown, E.
1896 May 5.	GRAY, GEORGE DAVID, B.E. ..	Eng's Office, City Hall, Dublin.
1892 Jan. 12.	*GRAY, HENRY HOLMES .. ..	Farley Hill Place, near Reading.
1875 Mar. 2.	GRAY, MATTHEW .. ..	Lessness Pk., Abbey Wood, Kent.
1891 Apr. 7.	GRAY, WILLIAM .. ..	44 Broad Street, Birmingham.
1888 May 15.	GRAY, WILLIAM ERNEST ..	Telegraph Works, Silvertown, E.
1891 May 5.	GRAY, WILLIAM WYTHERS ..	4 Benet Street, Cambridge.
1885 May 19.	GREATHEAD, WALTER HORATIO	Box 1257, Johannesburg, Transvaal.
1890 Dec. 2.	*GREATOREN, ALBERT DANIEL	Local Board, Sutton, Surrey.
1888 Apr. 10.	GREEN, EDWARD BAKER .. ..	Burdett Works, Limehouse, E.
1887 Apr. 5.	*GREEN, GEORGE .. ..	Vestry Hall, Upper St., Islington, N.
1891 Dec. 1.	*GREEN, GEORGE WILLIAM ..	Muirhead & Co., 2 Princes St., Westr.,
1879 Apr. 1.	GREEN, HENRY .. ..	Gas Company, Preston. [S.W.]
1889 Apr. 2.	*GREEN, ROBERT .. ..	Clarence Rd., King's Heath, Birming-
1895 May 21.	*GREENE, LOUIS .. ..	East Indian Ry., Calcutta. [ham.]
1885 Mar. 3.	GREENHILL, FREDERICK MORRIS	1 Church Road, Penarth, Cardiff.
1865 May 2.	GREENHILL, THOMAS ARTHUR	Almirante 5, Madrid.
1884 Apr. 1.	GREENLEES, ARCHIBALD .. ..	66 St. James' Rd., Tunbridge Wells.
1893 Dec. 5.	GREENSHIELDS, NORMAN .. ..	Boro' Engineer's Office, Leicester.
1891 Dec. 1.	GREENWELL, ALLAN .. ..	Surveyor's Office, Frome, Frome.
1893 Dec. 5.	*GREENWELL, EDWIN WALTER	{Hallington Waterworks, Colwell, Barrasford.
1893 Dec. 5.	GREENWOOD, CLAUDE .. ..	Croydon, nr. Sydney, N.S.W.
1878 May 7.	*GREENWOOD, WILLIAM .. ..	Antigonish, Nova Scotia. [hampton.]
1876 Apr. 4.	GREGORY, CHARLES CURRIE ..	Electric Construction Corp., Wolver-
1892 Feb. 2.	*GREGSON, GEORGE LEOPOLD ..	ham.]
1889 Feb. 5.	*GREGSON, HERBERT BOYS, }	61 Hornsey Rise Gardens, N.
	{ Wh. Sec. .. .. }	
1890 May 6.	GREGSON, JOHN .. ..	Woodbine House, Padiham, Lanes.
1886 Dec. 7.	GREIG, ALFRED BURNES ..	{Brooks, Hogarth & Co., 59 East- cheap, E.C.
✠ 1875 Apr. 6.	GREIG, ANDREW .. ..	Belle Vue, Tapport, N.B.
1881 Dec. 6.	GRESLEY, WILLIAM STUKELEY	P.O. Box 437, Erie, Pa., U.S.
1860 Mar. 6.	GREW, NATHANIEL .. ..	9 New Broad Street, E.C. [stable.]
✠ 1876 Dec. 5.	GRIBBLE, THEODORE GRAHAM	Midland & G. N. Rys., Melton Con-
1880 Apr. 6.	*GRIERSON, CHARLES JAMES ..	San Francisco Ry., Bahia, Brazil.
1893 Dec. 5.	GRIFFIN, ALBERT EDWIN ..	M. S. & L. Ry., Helmdon, Northants.
1881 Dec. 6.	GRIFFIN, BEVERLEY .. ..	Henley-in-Arden, Birmingham.
1894 May 1.	GRIFFIN, THOMAS ROBERT ..	Shire Hall, Leongatha, Victoria.
1892 Jan. 12.	GRIFFITH, PERCY .. ..	55 Parliament Street, S.W.
1893 Dec. 5.	{GRIFFITHS, ANDRÉ PIERRE, D.Sc., }	John Griffiths, Dieppe.
	{ A.R.S.M., Wh. Sec. }	
1894 Dec. 4.	{GRIFFITHS, HARRY DENIS, }	Box 2146, Johannesburg, Transvaal.
	{ A.R.S.M., Wh. Sec. }	(Hagriff, Johannesburg.)

Date of Election.		ASSOCIATE MEMBERS.	
W C ♣	1874 Jan. 13.	{ *GRIFFITHS, JOHN ALFRED, Wh.Sc., B.Sc. .. .. }	{ C.A. Spring, Norman Creek Bridge, Balmoral, Brisbane, Queensland. Water and Sewage Dept., Pitt St., Sydney, N.S.W.
	1888 Feb. 7.	GRIFFITHS, THOMAS .. ..	Rhymney Ry., Cardiff.
	1887 Apr. 5.	GRIFFITHS, WALTER GEORGE	61 Sinclair Rd., Kensington, W.
	1878 May 28.	GRIFFITHS, WILLIAM .. ..	Indian Telegraph Dept., Bombay.
	1890 Apr. 1.	*GRIMES, ARTHUR JOHN LUND	District Council, Hendon, N.W.
	1886 Dec. 7.	*GRIMLEY, SAMUEL SLATER ..	Cranmore, Ambleside, Streatham, S.W.
	1879 Mar. 4.	GRIMSHAW, JAMES ROBERT, B.E.	21 Great George Street, S.W.
	1886 Dec. 7.	*GRITTON, CHARLES EDWARD ..	St. Michael's Av., Northampton.
	1879 Apr. 1.	*GROSE, ARTHUR .. ..	Norlington, Preston, Brighton.
	1850 Dec. 3.	GROVE, EDMUND .. ..	Assam-Bengal Ry., Golaghat, Asam.
	1889 Dec. 3.	*GROVE, FRANK .. ..	The Yorkshire College, Leeds.
	1895 Apr. 2.	*GROVER, FREDERICK .. ..	32 Amphill Square, N.W.
	1877 May 29.	GROVES, LEONARD .. ..	Crian Canal, Ardishaig, N.B.
	1889 Jan. 8.	GROVES, LEVY JOHN .. ..	85 Gladstone Av., Wood Green, N.
	1888 Feb. 7.	GRUNWELL, HARTLEY .. ..	Abbey Works, Shrewsbury.
	1894 Feb. 6.	*GUEST, RICHARD, JUN. .. ..	
	1878 Feb. 5.	{ *GUILLEMAUD, ARTHUR FRANKLIN, B.A. .... }	{ Casilla 771, Valparaiso, Chili.
	1884 Jan. 8.	*GUINNESS, ARTHUR PERCY ..	Brewery, Wotton-under-Edge.
	1894 Dec. 4.	GUINNESS, HENRY SEYMOUR ..	Burton Hall, Stillorgan, co. Dublin.
	1882 Apr. 4.	GUMBLEY, WILLIAM .. ..	12 Queen Anne's Gate, S.W.
	1889 Dec. 3.	GUNYON, CHARLES JAMES ..	45 Clarence Road, Wood Green, N.
	1880 May 25.	*GUNYON, THOMAS PERCY ..	Chislehurst, Kent.
	1892 Dec. 6.	GUTHRIE, JAMES KENNETH ..	Eltringham, Prudhoe-on-Tyne.
t ♣	1890 Apr. 1.	GUTTMANN, OSCAR .. ..	12 Mark Lane, E.C.
	1891 Dec. 1.	*GUYATT, THOMAS ALEXANDER	40 King Henry's Road, N.W.
	1893 Jan. 10.	GWYNETH, JOHN GWYNN ..	
	1885 Dec. 1.	HADFIELD, FREDERICK JOSEPH	4 Ashgate Rd., Broomhill, Sheffield.
	1883 May 29.	HAGUE, JOSEPH .. ..	Plas Bryn Glas, Llandudno.
	1892 Dec. 6.	HAHN, DANIEL MEINERTS ..	Port of Spain, Trinidad.
	1885 Dec. 1.	HAIGH, JONATHAN .. ..	Town Hall, Abergavenny. (Trent.
	1879 May 27.	HAINES, JOSEPH RICHARD ..	Adderley Green Colliery, Stoke-on-
	1895 Mar. 5.	HALDEN, GEORGE MASON ..	Blackwall Tunnel, E. Greenwich, S.E.
	1889 Mar. 5.	HALL, ALBERT FRANCIS ..	{ The G. F. Blake Mfg. Co., Third St., East Cambridge, Mass., U.S.
	1890 Apr. 1.	HALL, CARL .. ..	Box 172, Durban, Natal.
	1870 May 24.	HALL, CHARLES .. ..	P. & O. Co., 122 Leadenhall St., E.C.
	1892 Dec. 6.	HALL, HARRY .. ..	10 Mervan Rd., Brixton, S.W.
	1879 Feb. 4.	HALL, JOSEPH .. ..	Borough Surveyor, Cheltenham.
	1894 Dec. 4.	*HALL, LEONARD GEORGE ..	Gas and Waterworks, Rhyl.
	1894 Feb. 6.	HALL, THOMAS ANDREW, B.E.	Galway & Clifden Ry., Galway.
	1890 Feb. 4.	HALL, THOMAS BERNARD ..	{ 119 Colmore Row, Birmingham. (Tamar, Birmingham.)
	1891 Jan. 13.	HALL, WATKIN .. ..	Local Board, Gt. Crosby, Liverpool.
	1885 Feb. 3.	HALL, WILLIAM SILVER, Wh.Sc.	9A Tsukiji, Tokio, Japan.
	1885 Dec. 1.	HALLER, JAMES CRACROFT ..	Savile Town, Dewsbury.
	1886 Mar. 2.	HALLIDAY, JOHN .. ..	Harbour Trust, Melbourne, Victoria.
	1869 Apr. 6.	HAMBLETON, FRANCIS HENRY	Hambleton & Co., Baltimore, U.S.
	1895 Dec. 3.	*HAMER, WILLIAM HENRY ..	Engineer's Office, Tilbury Docks.
	1882 Feb. 7.	*HAMILTON, EDWARD .. ..	Rigwood, Saltburn-by-the-Sea.
	1892 Mar. 1.	HAMILTON, RICHARD GORDON	Protectorate, Bechuanaaland.
	1892 May 24.	*HAMILTON, WILLIAM LEIGH ..	65 Underhill Rd., Forest Hill, S.E.
	1891 Feb. 3.	*HAMMOND, PHILIP .. ..	2A Rua de S. Bento, São Paulo, Brazil.
	1882 May 23.	*HAMPTON, HENRY JOSEPH ..	Albion Buildings, New Swindon.
	1891 Dec. 1.	*HANCKEL, ROBERT STUART ..	Casilla 377, San José, Costa Rica.
	1883 Dec. 5.	HANCOCK, HARRY .. ..	43 Morrab Road, Penzance.
	1895 Dec. 3.	HANCOCK, HENRY LIPSON ..	Moonta Mines, South Australia.
	1889 May 7.	HANCOCK, WILLIAM JOHN ..	{ Govt. Electrician, Perth, Western Australia.



Date of  
Election.

## ASSOCIATE MEMBERS.

	1894	Apr. 3.	*HANDCOCK, HENRY WILLIAM	5 Victoria Street, S.W.
	1876	Feb. 1.	HANDLEY, HENRY JOHN .. ..	Water Dept., Sydney, N.S.W.
	1887	May 3.	*HANNA, SAMUEL .. ..	33 Great George Street, S.W.
	1874	Feb. 3.	HANNAH, JOSEPH EDWARD .. ..	Bristol Waterworks, Blagdon.
	1893	Feb. 7.	HANNING, THOMAS .. ..	2 Collingwood St., Newcastle-on-Tyne.
	1881	Jan. 11.	HANSON, JOHN HENRY .. ..	20 Ramsden St., Huddersfield.
	1893	Dec. 5.	HARDIE, WILLIAM, JUN. .. ..	Gasworks, North Shields.
m	1874	Mar. 3.	{ *HARDINGHAM, GEORGE GATTON } MELHUISH .. ..	Oriel Lawn, E. Moulsey. (Harding- ham, London.)
	1894	Mar. 6.	*HARDMAN, ERNEST WILLIAM	Derby Cottage, Heywood, Lancs.
	1890	Dec. 2.	{ *HARDWICK, FRANCIS WILLIAM, } M.A. .. ..	15 North Church St., Sheffield.
	1890	Dec. 2.	*HARDY, CHARLES CHETWODE ..	E. I. Ry., Calcutta.
	1886	Apr. 6.	{ *HARGRAVE, JOSHUA HARRISON, } B.A. .. ..	Gt. Northern Ry., Amiens St., Dublin.
	1882	Dec. 5.	{ (HARGREAVES, ALBERTO JOSEPH ) PIMENTEL .. ..	8 Great Winchester Street, E.C.
	1884	Mar. 4.	HARGREAVES, CHARLES FLEMING	Caixa 531, Rio de Janeiro.
	1880	Dec. 7.	HARGROVE, JOHN EDWARD .. ..	13 Bark Place, Bayswater, W.
	1895	Feb. 5.	HARKER, WILLIAM .. ..	17A Great George Street, S.W. [S.E.
	1888	Jan. 10.	HARLEY, ARTHUR .. ..	Rosslyn, Westbourne Rd., Forest Hill.
	1890	Jan. 14.	*HARNETT, ARTHUR .. ..	Thames Conservancy, Embankment.
	1891	Feb. 3.	HARPER, HERBERT WILLIAM ..	63 Pitt St., Sydney, N.S.W. [E.C.
	1893	Dec. 5.	HARPER, LOUIS .. ..	115 Union Street, Aberdeen.
+	1886	Dec. 7.	HARPER, WALTER ANDREW ..	14 Billiter Street, E.C.
	1890	May 6.	HARRIOTT, GEORGE MOSS .. ..	P.W.D., Raipur, C.P. India. [shire.
+	1890	Apr. 1.	HARRIS, FRANK, B.A. .. ..	Maryland, Saundersfoot, Pembroke-
	1895	Dec. 3.	HARRIS, JOHN PARKER .. ..	Eng.'s Dept., N.E. Ry., Darlington.
	1883	Feb. 6.	HARRIS, RICHARD .. ..	3 Vinery Vils., Regent's Pk., N.W.
	1889	Dec. 3.	HARRIS, SAMUEL CHARLES ..	54 Cannon Street, E.C.
	1889	Dec. 3.	*HARRISON, ARTHUR .. ..	Boro' Eng.'s Office, Newport, Mon.
	1879	Mar. 4.	*HARRISON, EDMUND PONTIFEX	Box 172, Klerksdorp, Transvaal.
	1889	Dec. 3.	HARRISON, EDWARD HENRY ..	Madero Port Works, Buenos Ayres.
	1868	Dec. 1.	HARRISON, GEORGE .. ..	Fairlawn, West Hill, Sydenham, S.E.
	1875	Apr. 6.	HARRISON, GEORGE DAY .. ..	Staff. Potts, Water Works, Hanley.
	1884	Feb. 5.	HARRISON, GEORGE HOWARD ..	Thornton, near Ryde, I.W.
	1885	Apr. 14.	HARRISON, HUGH ERAT, B. Sc.	2 Park Place, Regent's Park, N.W.
	1892	Jan. 12.	*HARRISON, JOHN FREDRICK ..	{ Cunningham, Blyth, & Westland, 135 George St., Edinburgh. [S.W.
t +	1887	Dec. 6.	HARRISON, JOSEPH, Wh. Sc. ..	Royal Coll. of Science, Kensington.
	1892	Apr. 5.	{ *HARRISON, OCTAVIAN JOHN } ALFRED .. ..	76 Holland Road, Kensington, W.
	1888	May 1.	*HARRISON, OLIVER HERBERT ..	Apartado 696, Mexico City.
	1891	Feb. 3.	HARRISON, ROBERT JOHN .. ..	Hill Side, Swinburne St., Derby.
	1889	Feb. 5.	{ *HARRISON, THOMAS CHARLES } JOHN .. ..	The Firs, Breaston, Derby.
	1887	May 24.	HARRISON, WILLIAM JOSEPH ..	{ 7 Carteret St., Westminster, S.W. (Rubrica, London.)
	1879	May 27.	HARRISSON, THOMAS HARNETT	{ Central Bldgs., North John St. Liverpool.
	1891	Feb. 3.	HARSTON, WILLIAM .. ..	Town Surveyor, High St., Dartford.
	1869	Feb. 2.	HART, CHARLES .. ..	3 Avenue Rd., Leamington.
	1894	Dec. 4.	HART, HENRY SEBASTIAN .. ..	Waterworks, Shanghai, China.
	1877	Feb. 6.	HART, JAMES .. ..	Auburn, King Co., Washington, U.S.
	1894	Dec. 4.	*HART, PATRICK CAMPBELL ..	Kirkfield House, Bothwell, N.B.
	1892	Dec. 6.	*HART, THOMAS .. ..	Tharsis Mines, Huelva, Spain.
	1893	Jan. 10.	HARTLEY, JOHN .. ..	11 Monks Hall Grove, Eccles.
	1886	Mar. 2.	*HARTLEY, RICHARD JAMES	Town Hall Chambers, Halifax
	1867	Apr. 2.	HARTREE, WILLIAM .. ..	Havering, Tunbridge Wells.
	1892	Jan. 12.	HARVEY, FRANCIS GEORGE ..	Le Désir, Canal No. 1, Demerara.
	1896	Feb. 4.	HARVEY, FRANCIS JOSEPH ..	King, King & Co., Bombay.
	1890	May 6.	HARVEY, JOHN BROWN .. ..	Northern & Wn. Ry., Newfoundland.
t +	1880	Dec. 7.	HARVEY, ROBERT .. ..	1 Palace Gate, W.

	Date of Election.	ASSOCIATE MEMBERS.	
	1892 Dec. 6.	HARVEY, ROBERT FALKLAND	17 Water Street, Liverpool.
S t	✠ 1873 Apr. 1.	HARVEY, THOMAS FLETCHER ..	Merthyr Tydfil.
	1892 Feb. 2.	*HARVEY, THOMAS FRANCIS ..	Purland Chase, Ross, Herefordshire.
✠	1885 Feb. 3.	HASEGAWA, KINSKE .. .. .	{ Nippon Tetsudo Kwaisha, Tokio, Japan.
	1888 Feb. 7.	{ *HASKETT - SMITH, EDMUND } LYONS WELLESLEY .. .. .	{ North Charterland Exploration Co., Tete, Central Africa.
	1890 May 6.	HASSARD, CHARLES .. .. .	A. D. Millar, Field St., Durban, Natal.
	1884 Feb. 5.	*HASSELL, LLOYD .. .. .	Ry. Dept., Brisbane, Queensland.
	1895 Dec. 3.	HATCH, FREDERICK HENRY, Ph.D.	Box 809, Johannesburg, Transvaal.
	1883 May 1.	HAUGHTON, WALTER RALEIGH	E. Bengal Ry., Rajbari, India.
	1891 May 5.	{ HAWES, FREDERICK BENJAMIN } OLIPHANT .. .. .	{ 1 Wellington Chams., Buckingham Gate, S.W.
	1890 Mar. 4.	*HAWKINS, HERBERT SPONG ..	P.O., Kirikiriroa, Waikato. N.Z.
	1894 Dec. 4.	HAWKINS, ISAAC THOMAS ..	Vale House, Somerton, Somerset.
	1881 Dec. 6.	{ HAWKINS, ROBERT WILLIAM } LYONS .. .. .	{ Eastern Jumna Canal, Saharanpur, India.
	1893 May 2.	HAWKINS, RUPERT SKELTON ..	Midland Ry., Bina, India.
	1892 Feb. 2.	*HAWKINS, SYDNEY SANDERSON	Assam Ry., Dibrugarh, Assam.
	1893 Dec. 5.	*HAWKINS, T. HAROLD .. ..	33 Infante D. Henrique, Oporto.
	1895 May 21.	HAWKLEY, JOSEPH .. .. .	Waterworks, Portsmouth.
	1893 Dec. 5.	HAWLEY, CECIL EDWARD .. ..	19 Albion Place, Ramsgate.
	1891 May 5.	HAWTREY, ALBERT NICHOLLS	42 Oseney Crescent, N.W.
	1890 May 6.	HAYCROFT, JAMES ISAAC, M.E.	Ocean St., Woollahra, Sydney, N.S.W.
	1879 Dec. 2.	HAYES, HERBERT EDWARD HORACE	Anaradhapara, Ceylon.
	1876 Dec. 5.	HAYES, JOHN .. .. .	55 Steep Hill, Lincoln.
	1894 Mar. 6.	*HEAD, ARCHIBALD POTTER ..	47 Victoria Street, S.W.
	1894 Feb. 6.	*HEAD, D'ESTERRE PRITTIE ..	Box 61, Heidelberg, Transvaal.
	1894 Dec. 4.	HEAP, DOUGLAS THEODORE ..	21 Park Road, Wimbledon.
	1895 Dec. 3.	HEAP, HERBERT .. .. .	Boro' Engineer's Office, Grimsby.
	1882 Dec. 5.	HEAPHY, FRANCIS BRADSTREET	49 Earlsfield Road, Wandsworth, S.W.
	1883 Feb. 6.	HEAPHY, THOMAS MUSGRAVE	19 Lombard St., E.C.
	1891 Apr. 7.	{ *HEARNE, EDWARD BERESFORD, } M.E. .. .. .	{ 2 Mount Delphi, Antrim Rd., Belfast.
	1873 May 20.	*HEATH, ARTHUR HENRY .. ..	Royal Indian Eng. Coll., Staines.
	1893 Feb. 7.	HEATH, REGINALD HEPBURN ..	Grindlay, Groom & Co., Bombay.
	1893 May 16.	*HEATHCOTE, CHARLES FRANCIS	{ Western S. M. Co., Mount Zeehan, Tasmania.
	1893 Dec. 5.	*HEATHCOTT, JOHN. M.Sc. ..	L. & N. W. Ry., Lancaster.
	1892 Jan. 12.	{ HEATHER, HENRY JAMES SHED- LOCK, B.A. .. .. .	{ Moodie's, Barberton, Transvaal.
	1891 Apr. 7.	HEATLIE, ARTHUR, B.A. .. ..	Govt. Rys., Cape Town, C.O.
	1890 May 6.	HEATLY, HARRY .. .. .	Ballygunge, West Hill Road, S.W.
	1895 Apr. 2.	*HEATON, FREDERICK GEORGE ..	King Street, Wigan.
	1884 Jan. 8.	HEATON, GEORGE .. .. .	King Street, Wigan.
	1893 Jan. 10.	{ *HEATON-ELLIS, SYDNEY THOMAS } EDWARD .. .. .	{ Clovelly, New Barnet.
	1889 Dec. 3.	*HEBB, SIDNEY BEDFORD BEVES	Springwood, Harrow-on-the-Hill.
✠	1892 Dec. 6.	HEBBERT, ERNEST GEORGE, B.A.	Aysgarth, Tunbridge Wells.
in	1886 Dec. 7.	*HEBBLETHWAITE, FRANK HIRST	Caixa 54, Manaos, Brazil.
	1892 May 24.	HECTOR, MAXIMILIAN .. ..	Rodney Irrigation, Tatura, Victoria.
	1886 Mar. 2.	{ *HEDERSTEDT, WILLIAM ROBERT } PAUL .. .. .	{ Turnham Hall, Selby, Yorks.
	1876 Dec. 5.	HEDGMAN, WILLIAM SOUTHWOOD	75 Upper Ground Street, S.E.
✠	1889 Feb. 5.	HEINKÉ, EDWIN HARRY ALFRED	La Guaira Ry., Caracas, Venezuela.
	1885 May 19.	*HELLINS, HENRY HERBERT ..	{ 28 Grosvenor Place., Rathmines, Dublin.
	1889 Dec. 3.	HELPS, JAMES WILLIAM .. ..	Gasworks, Croydon.
	1885 Feb. 3.	*HEMINGWAY, ABRAHAM .. ..	
	1896 May 19.	*HEMINGWAY, WILLIAM .. ..	{ 9 Cawood Terrace, Dawes Road, Walham Green, S.W.
	1893 Dec. 5.	HENDERSON, ARTHUR JAMES ..	Thames Ditton, Surrey.

Date of  
Election.

## ASSOCIATE MEMBERS.

1894 Dec. 4.	HENDERSON, BRODIE HALDANE	Broad Street Avenue, E.C.
1895 Dec. 3.	*HENDERSON, GILBERT REGINALD	Briar Ghyll, Maritzburg, Natal.
1890 Feb. 4.	{*HENDERSON, HECTOR WILLIAM BAILLIE .. .. }	Brisbane, Queensland.
✱ 1882 May 23.	*HENDERSON, HERBERT .. ..	65 Belmont Drive, Liverpool.
1878 Jan. 15.	HENDERSON, JOHN JAMES .. ..	8 Bank Street, Dundee.
1892 Mar. 1.	HENDERSON, JOHN JAMES .. ..	Shahrig, Beluchistan.
1893 Dec. 5.	HENDERSON, ROBERT .. ..	Harbour, Burntisland, N.B.
1885 Jan. 13.	*HENDERSON, STEPHEN, M.A. .. ..	63 Pitt St., Sydney, N.S.W.
1885 May 5.	HENDERSON, WILLIAM .. ..	{B. Huntsman, 3 McArthur Place, Carlton, Melbourne, Victoria.
1893 Mar. 7.	HENNINGER, DANIEL, B.Sc. .. ..	11 General Camara, Rio de Janeiro.
1831 Dec. 6.	*HENRIQUES, CECIL QUIXANO .. ..	{6 Delahay Street, Westminster, S.W. (Drague, London.)
1896 Jan. 14.	{*HENRIQUES, EDGAR HENRY QUIXANO .. .. }	Victoria Foundry, Savile Town, Dewsbury.
1885 Jan. 13.	HENSHALL, EDWARD .. ..	Estate Office, Woolacombe, N. Devon.
1892 Dec. 6.	HENSON, JOSHUA BINNINGTON	Hunter Dist. Bd., Newcastle, N.S.W.
✱ 1889 May 7.	HENZELL, CHARLES GEORGE .. ..	Waterworks, Horsley, Otterburn.
1883 Dec. 4.	*HERBERT, ARTHUR WILLIAM .. ..	{Dr C. Herbert, Komme Draai, Road- side Bay, Maritzburg, Natal.
1893 Mar. 7.	HERBERT, DAVID WILLIAM .. ..	{Kilrhedyn Rectory, Llanfyrnach, Pembroke.
1894 Dec. 4.	*HERIOT, GERALD MAITLAND .. ..	44 Argyll Road, Kensington, W.
1891 Mar. 3.	HERNU, ARTHUR HENRY .. ..	69 Victoria Street, S.W.
1891 Dec. 1.	HERRIOT, WILLIAM SCOTT .. ..	187 Osmaston Road, Derby.
1885 Jan. 13.	*HERSEY, GEORGE WILLIAM .. ..	{Model City Estate Agency, 8 Regent Street, S.W. [Queensland.
1895 Mar. 5.	HESKETH, JOHN .. ..	Postal Telegraph Dept., Brisbane.
1896 Feb. 4.	*HESLOP, JOHN GEORGE .. ..	Hawwell, Sunderland.
1885 May 19.	HESLOP, THOMAS HIND BLUMER	Co. Surveyor, Norwich.
1878 Feb. 5.	*HESS, ALBERT JOSIAH .. ..	7 Lothbury, E.C.
1896 Mar. 3.	HETHERINGTON, JOSEPH .. ..	10 Standish Road, Hammersmith, W.
1874 Dec. 1.	HEWAT, WILLIAM MARSHALL	Ministry of Public Works, Cairo.
1895 Apr. 2.	HEWITT, ALFRED HERBERT .. ..	{Green Island Cement Works, Macao, China.
1876 Feb. 1.	HEWITT, GEORGE COLTHURST	Serridge Ho., Coalpit Heath, Bristol.
1889 May 21.	*HEWSON, GEORGE .. ..	Boro' Engineer's Office, Leeds.
1894 Dec. 4.	*HEWSON, THOMAS, JUNR. .. ..	Park Cottage, Roundhay, Leeds.
1890 Dec. 2.	HICK, GEORGE WILLIAM .. ..	11 Mornington Rd., N.W.
1887 May 24.	HIDE, WILLIAM SEYMOUR .. ..	J. Samuel White, East Cowes, I.W.
1889 Dec. 3.	{HIGGINS, THOMAS WAGHORN ELFORD .. .. }	1 Edith Terrace, Chelsea, S.W.
1888 Jan. 10.	*HIGHAM, GEORGE WILLIAM .. ..	{15 Great George St., S.W. [(Pintle, London, 3337.)
1890 Feb. 4.	*HIGHT, DAVID JOHN .. ..	Kwala Lumpor, Selangor, S.S.
1884 Dec. 2.	*HIGHT, ROBERT SWAN .. ..	East Indian Ry., Calcutta.
1883 May 1.	*HIGHT, ARTHUR EDWARD .. ..	P. W. D., Nasik, Bombay.
1891 Mar. 3.	*HILDRED, EDWARD THOMAS .. ..	Waterworks Office, Southampton.
1889 May 7.	HILL, ALEXANDER .. ..	
1894 Dec. 4.	*HILL, ALFRED .. ..	Water Orton Drainage, Birmingham.
✱ 1888 May 15.	*HILL, ALFRED JOHN, Wh. Sec.	24 Hamfrith Rd., Stratford.
1884 Jan. 8.	*HILL, ARTHUR, F.C.II. .. ..	King, King & Co., Bombay.
1893 May 2.	HILL, CLAUDE WILLIAM .. ..	{Paterson & Cooper, Powuall Rd., Dalston, N.E.
1873 Apr. 1.	HILL, JAMES WOODWARD .. ..	{Johannesburg, Transvaal. (Mayro, Johannesburg.)
1892 Dec. 6.	*HILL, JOSEPH BALL .. ..	Lily Villa, Salcombe, S. Devon.
1874 Apr. 14.	HILL, LESLIE CRASWELLER .. ..	Calgary, Alberta, Canada.
1883 May 29.	HILL, LUKE MULLOCK, B.E. .. ..	Town Hall, Georgetown, Demerara.
1886 May 18.	HILL, WILLIAM .. ..	Waterworks, Belfast.
1887 May 3.	HILL, WILLIAM .. ..	Polesworth, via Tamworth.
1880 May 25.	HILL, WOODMAN .. ..	Leventhorpe, Gosport.

W C m ✱

Date of Election.		ASSOCIATE MEMBERS.	
1885 Feb. 3.	HILLS, ARNOLD FRANK .. ..	Thames Ironworks, Blackwall, E.	
1895 Dec. 3.	*HILLS, HARRY JAMES .. ..	97 Camden St., Camden Town, N.W.	
1878 Jan. 15.	HILTON, FRANKLIN .. ..	Ebbw Vale Co., Ebbw Vale, Mon.	
1893 Feb. 7.	*HINDE, WILLIAM HENN .. ..	Electric Traction Co., 16 Gt. George St.	
1890 May 20.	*HINDS, HERBERT .. ..	Beechhurst, Goudhurst, Kent. [S.W.]	
1895 Dec. 3.	HINTON, REGINALD JAMES .. ..	St. John del Rey Mining Co., Morro	
1881 May 3.	HIRD, GEORGE SMITH .. ..	Guildhall, Beverley. [Velho, Brazil]	
1889 Jan. 8.	HISCOCKS, ALFRED MOSER .. ..	81 Borough Road, S.E.	
1893 May 16.	HOARE, ARTHUR .. ..	John Fleming & Co., Bombay.	
1891 Dec. 1.	*HOBBS, CHARLES JAMES .. ..	25 Colville Rd., Bayswater, W.	
1888 Dec. 4.	*HOBBS, GEORGE .. ..	St. John's Harbour, Antigua.	
1894 Feb. 6.	*HOBLEY, CHARLES WILLIAM .. ..	Chilvers Coton, Nuneaton.	
1894 Jan. 2.	HOBROUGH, ARTHUR .. ..	4 The Crescent, New Rd., Bromsgrove	
1870 Dec. 6.	HOESON, JOHN FALSHAW .. ..	Washington Ironworks, Durham.	
1896 Feb. 4.	*HODGE, EDWARD CHARLES .. ..	{Arcadia Works, New Glasgow, Nova Scotia.	
✠ 1891 May 5.	*HODGE, HENRY WILSON .. ..	71 Broadway, New York, U.S.	
1878 Jan. 15.	HODGE, JOHN LAKEMAN .. ..	22 Courtenay St., Plymouth.	
1892 Apr. 5.	HODGE, LEONARD PERCIVAL .. ..	St. Leonard's, Queen's Rd., Norbiton.	
1891 Mar. 3.	HODGES, PERCY WALTER OGILVIE .. ..	30 Hampstead Road, N.W.	
1890 Apr. 1.	*HODGKIN, PHILIP ELIOT .. ..	111 Church Rd., Richmond, S.W.	
1888 Dec. 4.	HODGKINSON, ALFRED JAMES .. ..	34 Queen St., Melbourne, Victoria.	
1889 Dec. 3.	HODGKINSON, GEORGE .. ..	Surveyor, St. Anne's, Lanes.	
1886 Dec. 7.	*HODGSON, JOHN SLACK .. ..	Wellington, Mass., U.S.	
1885 Dec. 1.	HODGSON, WILLIAM JAMES .. ..	District Council, Camberley, Surrey	
1894 Mar. 6.	*HOFFMANN, ISIDORE .. ..	Box 101, Krugersdorp, Transvaal.	
1886 Feb. 2.	*HOGG, ALEXANDER JABEZ .. ..	So. Mahratta Ry., Hubli, India.	
1892 Jan. 12.	*HOLDEN, ALFRED .. ..	Surveyor, Hindley, Wigan.	
1890 May 20.	HOLDEN, GEORGE HENRY .. ..	Hardman & Holden, Miles Platting	
1891 Dec. 1.	HOLDEN, JAMES .. ..	Ash Cottage, Ely, Cardiff. [Manchester]	
1893 Dec. 5.	HOLFORD, WILLIAM GEORGE .. ..	Umtali, Manicaland, South Africa.	
1893 May 2.	HOLGATE, THOMAS .. ..	12 Hyde Park Rd., Halifax.	
m ✠ 1888 Mar. 6.	*HOLLIDAY, JOHN .. ..	St. James's Gate Brewery, Dublin.	
1893 Apr. 11.	*HOLLIDAY, JOHN .. ..	7 Belgrave Crescent, Scarborough.	
1893 May 2.	HOLLINGSWORTH, WILLIAM JOHN .. ..	{6 Barrington Mansions, Loughborough Park, S.W.	
1885 May 5.	HOLLIM, JOHN BRAMWELL .. ..	The Welkin, Lindfield, Sussex.	
1892 May 3.	HOLME, CLINTON JAMES WILSON .. ..	{Contractor's Office, Llanberis, N. Wales. [land]	
1890 Apr. 1.	HOLME, JOHN CARTMEL .. ..	Deptford Cement Works, Sunderland	
1888 Dec. 4.	HOLMES, EDWARD .. ..	13 Northumberland Rd., Sheffield.	
1892 Mar. 1.	*HOLMES, GEORGE WILLIAM .. ..	Town Hall, Walthamstow.	
1884 Jan. 8.	*HOLMES, JOHN HENRY .. ..	{Wellburn, Jesmond, Newcastle (Holmes, Newcastle-on-Tyne, 278.	
1887 Feb. 1.	HOLMES, ROBERT WEST .. ..	Fielding, Manawatu, N.Z.	
1873 Dec. 2.	{HOLMES à COURT, Hon. ARTHUR WYNDHAM .. ..}	Truslove & Hanson, 143 Oxford Street, W.	
1895 Jan. 8.	*HOLT, FOLLET .. ..	F. C. Rosario, La Banda, Argentina	
1875 Jan. 12.	HOLT, GEORGE HENRY .. ..	10 Richmond Terrace, Blackburn.	
1875 Feb. 2.	HOLT, HENRY PERCY .. ..	22 Chancery Lane, E.C.	
1883 Feb. 6.	{*HOLT, PERCY WILLIAM MONCKTON .. ..}	Survey Office, New Plymouth, N.Z.	
1883 May 29.	HOLTUM, WILLIAM HENRY .. ..	10 Bedford Avenue, W.C.	
1863 Feb. 3.	HOLTZAPFEL, JOHN JACOB .. ..	Windmill Hill Ho., Hampstead, N.W.	
1879 Dec. 2.	HONE, JOHN HONE .. ..	Quamby, Tasmania.	
1891 Dec. 1.	*HOMESHAM, EDWIN COLLETT .. ..	Box 98, Johannesburg, Transvaal.	
1884 Jan. 8.	HONEYSETT, ARTHUR .. ..	39 Victoria Street, S.W. [chester]	
1884 Dec. 2.	HOOLEY, COSMO CHARLES .. ..	Crofts Bank Ho., Davyholme, Man	
✠ 1886 Dec. 7.	HOOLEY, EDGAR PURNELL .. ..	Co. Surveyor, Nottingham.	
1891 Dec. 1.	HOOPER, EDWARD .. ..	J. Cooper, College Precincts, Worcester	
1890 Feb. 4.	*HOOPER, HERBERT ROSS, M.A. .. ..	Canadian Pacific Ry., Montreal.	
1895 May 21.	HOPE, JOSEPH .. ..	{Roads & Bridges Dept., East Maitland, N.S.W.	

Date of  
Election.

## ASSOCIATE MEMBERS.

	1892 Apr. 5.	HOPKINS, WALTER BERNARD..	30 Parliament Street, S.W.
	1877 Dec. 4.	HOPKINSON, ALFRED .. ..	15 Agur Street, Bury.
	1889 May 7.	*HOPKINSON, FREDERICK THOMAS	10 Victoria Street, S.W.
	1896 May 19.	HOPKINSON, WILLIAM HENRY	23 Devonshire St., Keighley. [Tyne.
	1892 Dec. 6.	*HOPPER, ARTHUR EDWIN ..	29 Westmoreland Rd., Newcastle-on-
	1891 Dec. 1.	HOPWOOD, JOHN .. ..	G. W. Ry., Mendoza, Argentina.
	1889 Apr. 2.	HORBURY, GEORGE FRANCIS ..	Richardson and Cruddas, Bombay.
	1882 Apr. 4.	HORN, DAVID BAYNE, F.C.H.	King, Hamilton & Co., Calcutta.
	1892 Feb. 2.	HORN, THOMAS WILLIAM, JUN.	Bengal-Nagpur Ry., Nagpur, India.
	1886 Apr. 6.	*HORN, TOM ALEXANDER ..	11 Gray St., Waterloo Rd., S.E.
	1874 Dec. 1.	*HORN, WILLIAM EDWARD ..	227 High Road, Balham, S.W.
	1892 Jan. 12.	*HORNE, ERNEST WORTHY ..	37 Beulah Hill, Norwood, S.E.
	1889 Dec. 3.	HORNER, WALTER .. ..	8 Carholme Road, Forest Hill, S.E.
	1891 Dec. 4.	*HORWOOD, JOEL HENRY, M.E.	{ Matheson's Buildings, Hunt Street, Coolgardie, Western Australia.
	1895 Mar. 5.	*HOSKEN, ARTHUR FAYRER ..	{ Caledonian Ry., St. Rollox, Glasgow.
	1883 May 1.	HOSKINGS, ARTHUR BERRIMAN	7 Northbrook Rd., Lee, S.E.
	1894 Jan. 9.	HOUGHTON, SIDNEY ALEXANDER	{ Board of Trade Surveyor's Office, Custom House Arcade, Liverpool.
	1883 Jan. 9.	*HOUGHTON, THOMAS HARRY ..	12 Spring Street, Sydney, N.S.W.
	1888 Jan. 10.	HOSUDEN, WILLIAM PREST ..	H. S. King & Co., 45 Pall Mall, S.W.
✱	1881 Apr. 5.	HOUSTON, JAMES LENNOX ..	151 Cannon Street, E.C.
	1894 May 22.	*HOVL, FRANK .. ..	Railway, Kingston, Jamaica.
m ✱	1886 Dec. 7.	*HOWARD, FRANK GEERE ..	10 Berners Street, W.
	1894 Dec. 4.	HOWARD, FREDERICK WILLIAM	Boro' Engineer's Office, Reading.
	1886 May 18.	HOWARD, JOHN GEORGE ..	Klerksdorp, S.A.R., <i>via</i> Cape Town.
	1874 Feb. 3.	HOWARD, WILLIAM FREDERICK	15 Cavendish St., Chesterfield.
	1891 Feb. 3.	*HOWARTH, FRANK .. ..	County Council, Spring Gardens, S.W.
	1889 Mar. 5.	HOWATSON, ANDREW .. ..	165 Avenue du Roule, Neuilly, Paris.
	1891 May 5.	HOWDEN, THOMAS MONTAGU ..	Water Dept., Melbourne, Victoria.
	1883 May 29.	HOWELL, SAMUEL EARNSHAW ..	{ The Brook Steel Works, Sheffield. (Howell, Sheffield.)
	1891 Dec. 1.	*HOWLEY, WILLIAM JOHN ..	P.W.D., Cannavaram, Madras.
	1883 Dec. 4.	HOWORTH, CHARLES HENRY ..	Invercargill, N.Z.
	1891 Dec. 1.	HOY, HENRY ALBERT .. ..	Overdale, Horwich, Lanes.
	1892 Mar. 1.	*HUDDART, JOHN .. ..	13 Solway View, Whitehaven.
	1882 Dec. 5.	*HUDLESTON, ANDREW JOHN ..	Dharwar, <i>via</i> Bombay.
	1884 Feb. 5.	HUDLESTON, FERDINAND ..	{ Electric Traction Co., 16 Gt. George Street, S.W.
	1890 Dec. 2.	*HUDSON, FREDERICK WILLIAM	Docks, Cumberland Basin, Bristol.
	1879 May 27.	HUDSON, JAMES CADOUX ..	75 Upp. Ground St., Blackfriars, S.E.
	1892 Dec. 6.	*HUGHES, EDWARD MORGAN ..	66 Canning Street, Liverpool.
	1891 Feb. 3.	HUGHES, HERBERT WILLIAM ..	Priory Farm House, Dudley.
	1879 May 6.	HUGHES, JOHN ELLIS .. ..	Reservoir Works, Marsden, Yorks.
	1890 Feb. 4.	{ *HUGHES, WILLIAM GEORGE CRAWFORD .. .. . }	Haslemere, Brincliffe, Sheffield.
	1878 May 28.	*HUGHES, WILLOUGHBY ROCHESTER	Wapella, N.W.T., Canada.
	1881 Feb. 1.	{ HUGHES - HALLETT, CHARLES FREDERICK, M.A. .. .. }	41 St. Stephen's Avenue, Shepherd's Bush, W. [shire.
	1896 May 5.	*HULL, HENRY ADIN ... ..	L. & N. W. Ry., Hartington, Derby-
	1894 Dec. 4.	*HULL, PERCY WINSTANLEY ..	St. Lawrence Demu, Ventnor, I.W.
	1896 Feb. 4.	*HULME, EDWIN .. ..	Cliff Cottage, Bangor.
	1892 Dec. 6.	HUMAN, EDWIN .. ..	Colombo, Ceylon.
	1885 May 5.	*HUMBY, ALBERT JAMES ..	Zululand Ry., Stanger, Natal.
	1879 Apr. 1.	HUME, EDWARD NATHANIEL ..	Bath Road, Hounslow. [Croydon.
	1876 Dec. 5.	HUME, WASHINGTON .. ..	Homewood, Hayling Park Road.
	1894 Dec. 4.	*HUMMEL, HORACE JAMES JORDAN	Ashlynn, Albemarle Rd., Beckenham.
	1894 Dec. 4.	*HUMPHREY, HERBERT ALFRED	West View, Winnington, Cheshire.
	1894 May 1.	*HUMPHREYS, HENRY HOWARD	Alperton Park, near Harrow.
	1885 Feb. 3.	HUMPHREYS, NORTON HENRY ..	Gasworks, Salisbury. [Pern.
	1893 Feb. 7.	*HUNT, BERNARD, A.R.S.M. ..	Charles Wagner, Caylloma, Arequipa,
	1892 Feb. 2.	*HUNT, EDWARD .. ..	F. C. Central, Caracas, Venezuela.
	1886 Mar. 2.	*HUNT, HENRY CHARLES TERRETT	26 Parliament Street, S.W.

	Date of Election.	ASSOCIATE MEMBERS.	
	1895 Dec. 3.	*HUNTER, ADAM .. .. .	32 Victoria Street, S.W.
	1883 Dec. 4.	HUNTER, ASHLEY JOHN .. ..	Westport Coal Co., Westport, N.Z.
m	✠ 1888 Feb. 7.	*HUNTER, GILBERT MACINTYRE	New Amsterdam, British Guiana.
	1879 Feb. 4.	*HUNTER, JOHN .. .. .	{ Matlock Rd., Belper, Derbyshire (Hunter, Strutts, Belper.)
	1889 Feb. 5.	*HUNTER, MAURICE .. ..	Bridge St., Belper.
	1890 Feb. 4.	HUNTER, SIDNEY HERBERT ..	202 Bow Road, E. [Cardi
	1895 Dec. 3.	HUNTER, WILLIAM GALLON ..	Milthorpe House, Cathedral Roa
	1868 May 19.	HURST, WILLIAM .. .. .	Church St., Ashbourne, Derbyshi
	1889 Apr. 2.	HUTCHINGS, CHARLES ARTHUR	Parana, Entre Rios, Argentina.
	1888 Feb. 7.	{ HUTCHINSON, SYDNEY HUTTON COOPER .. .. .	{ H. S. King & Co., 45 Pall Ma S.W.
	1895 Dec. 3.	*HUTCHINSON, WILLIAM HAINES	The Avenue, Rowley Park, Staffor
	1892 Dec. 6.	HUTCHISON, DANIEL LEAN, M.Sc.	M.S.&L. Ry., Byfield, Northants.
	1894 Jan. 9.	*HUTCHISON, GEORGE LEAN, B.Sc.	6 Belhaven Terrace, Glasgow.
	1886 Dec. 7.	*HUTTON, CHARLES HERBERT ..	H. S. King & Co., 45 Pall Mall, S.W.
	1879 May 6.	HUTTON, THEODORE BENT ..	4 Sketty Road, Swansea.
	1887 Apr. 5.	*HUTTON, WALTER HERBERT ..	{ 17 Unwin Mansions, West Ke sington, W.
	1895 Dec. 3.	*HUTTON, WILLIAM .. .. .	P.W.D., Madras.
	1895 Dec. 3.	HYSLOP, JOHN .. .. .	142 Walton Street, Oxford.
	1876 Mar. 7.	PANSON, WILLIAM .. .. .	Bardencroft, Saltburn-by-the Sea
	1888 Dec. 4.	*IKIN, ARTHUR JOHN .. ..	1406, 8th St., Alameda, Cal., U.S.
	1895 May 21.	*INGHAM, WILLIAM .. .. .	Water Engineer, Torquay.
✠	1881 Feb. 1.	*INGLIS, WILLIAM .. .. .	Rosedale, Airdrie, N.B.
	1886 Dec. 7.	*INMAN, THOMAS .. .. .	P.W.D., French Rocks Div., Mysc
	1892 May 3.	IRONSIDE, WILLIAM DALTON ..	3 Golden Square, Aberdeen. [Ind
	1877 Dec. 4.	IRVINE, JAMES .. .. .	254 Gray's Inn Road, W.C.
	1896 May 5.	IRVING, DANIEL .. .. .	Gas Co., Stapleton, Bristol.
	1879 Feb. 4.	ISHERWOOD, RICHARD .. ..	Kinderton Lodge, Middlewich.
	1882 Jan. 10.	*ISHIGURO, ISOJI .. .. .	{ Govt. Engineer's Off., Home De Tokio, Japan.
	1880 Mar. 2.	*ITTER, ARTHUR WERNER ..	Bridge End, Peterborough.
	1887 Apr. 5.	*IVE, ERNEST .. .. .	39 Margravine Gds., Kensington, S.
	1874 Dec. 1.	*IVENS, FLETCHER JAMES ..	N. W. Ry., Lahore, India.
	1880 Dec. 7.	IVENS, THOMAS EDWARD ..	18 King's Avenue, Ealing, W.
	1892 Dec. 6.	*IVES, HARRY WILLIAM MACLEAN	Sirhind Canal, Ludhiana, Punjab
	1895 Feb. 5.	IVOR-MOORE, THOMAS .. ..	1 Castle Terrace, Edinburgh.
	1875 Dec. 7.	IZARD, WALTER GEORGE ..	10 The Paragon, Blackheath, S.I
	1887 Dec. 6.	*JACK, ARTHUR JOSEPH .. ..	The Crouch, Seaford, Sussex.
	1885 May 19.	*JACKAMAN, CHARLES JAMES ..	1 Lonsdale Vils., Slough, Bucks.
	1888 Apr. 10.	JACKS, THOMAS WILLIAM MOSELEY	Wood Green, Wednesbury.
	1883 May 29.	JACKSON, EDWARD JAMES ..	Kinburn West, St. Andrews, N.I
✠	1891 Dec. 1.	*JACKSON, GEORGE FREDERICK	N. E. Ry., Newcastle-on-Tyne.
	1887 Apr. 5.	*JACKSON, HUGH ROWLAND ..	The Hall Cross, Doncaster.
	1892 Apr. 5.	JACKSON, JAMES EDWARD, Jun.	1 Barbican Terrace, Barnstaple.
	1895 Jan. 8.	JACKSON, ROBERT CATTLEY ..	{ 4 Framlington Place, Newcastle- Tyne.
	1890 Dec. 2.	JACOB, ALBERT FRANCIS ..	Harb'rs & Riv'rs Dept., Sydney, N.S
	1893 May 16.	*JACOB, CHARLES RYDER, R.N.	Bratton Vicarage, Westbury, Wilt
	1879 Feb. 4.	*JACOB, EDWARD FOUNTAINE ..	N. W. Ry., Lahore, Punjab.
	1872 Dec. 3.	JACOB, EDWARD WESTLEY ..	3 Woodside Terrace, Darlington.
	1891 May 5.	JACOBS, PAUL GEORGE .. ..	P.W.D., Calcutta.
	1887 Jan. 11.	*JACOMB, WILLIAM WYKEHAM ..	72 Dyke Road, Brighton.
	1892 Jan. 12.	*JACQUES, HERBERT INNES ..	Downleaze Rd., Stoke Bishop, Bris
	1890 Jan. 14.	JACQUES, JAMES ROUTLEDGE ..	Box 2314, Johannesburg, Transv
	1878 Jan. 15.	JACQUES, RICHARD .. .. .	Loco. Supt., Caldera, Chili.
	1892 May 24.	*JAMES, ALFRED, M.A. .. ..	Monsels, Barry, Cardiff.
	1893 Dec. 5.	*JAMES, ARTHUR CHARLES ..	District Council, Grays, Essex.

Date of  
Election.

## ASSOCIATE MEMBERS.

1887 Dec. 6.	JAMES, CHARLES CARKEET ..	Municipality, Bombay.
1886 Dec. 7.	{ JAMES, CHARLES WORDSWORTH SCANTLEBURY .. .. }	{ Davey Street, Hobart, Tasmania.
1885 Dec. 1.	*JAMES, ERNEST ALLEN HORSFORD	9 Bridge St., Westminster, S.W.
1889 Jan. 8.	*JAMES, REGINALD WILLIAM ..	{ St. Mildreds, Cambridge Road, Plaistow, Kent.
1886 Dec. 7.	JAMESON, ALEXANDER CHALMERS	Primitiva Nitrate Co., Iquique, Chili.
1880 Feb. 3.	*JAMESON, GEORGE .. ..	Bow Street Distillery, Dublin.
1892 Feb. 2.	*JAMESON, HENRY BENTLEY ..	P.W.D., Maritzburg, Natal.
1895 Dec. 3.	*JAMIESON, FREDERICK ALEXANDER	{ Marine Engineers Institution, Shanghai.
1895 May 21.	*JANSON, EDMUND WILLIAM, M.A.	7 & 9 Leadenhall Buildings, E.C.
1895 Dec. 3.	JAPP, HENRY .. ..	Surrey Commercial Docks, Rother-
1881 Jan. 11.	JARVIS, GEORGE EDWARD ..	Tembuland, Umtata, C.C. [ithe, S.E.
1888 Dec. 4.	*JASTER, NICHOLAS PAUL ..	21 Great George Street, S.W.
1887 Dec. 6.	JEETERHOOY, PIROSHAW BOMANJEE	17 Church St., Bombay.
1889 Feb. 5.	JEFFERISS, THOMAS .. ..	Cornwall Wks., Soho, Birmingham.
1881 Dec. 6.	*JEFFREYS, EDWARD HOMER ..	Hawkhills, Chapel Allerton, Leeds.
1893 Jan. 10.	JEKEN, JOHN LLEWELLYN ..	Port Talbot Rys., South Wales.
1893 Dec. 5.	JELLETT, HENRY HOLMES, B.E.	Bagnan, Howrah District, India.
1894 Mar. 6.	JEME, TIEN YOW, Ph.B. ..	Govt. Rys., Tientsin, China.
1892 Dec. 6.	JENKIN, BERNARD MAXWELL	The Mansions, Earl's Ct. Rd., S.W.
m 1891 Feb. 3.	*JENKIN, CHARLES FREWEN, B.A.	{ Llanarthney House, Clytha Park, Newport, Mon. [hampton.
1895 Mar. 5.	JENKIN, CHARLES JAMES ..	Council Offices, Willenhall, Wolver-
1895 Apr. 2.	*JENKIN, WILLIAM ALFRED ..	Dean Terrace, Liskeard.
1894 May 22.	*JENKINS, ALFRED JOHN ..	Shaw House, Halifax Rd., Rochdale.
1893 May 16.	JENKINS, CHARLES MORRIS ..	{ Charlestown - Johannesburg Ry., Standerton, S. Africa.
1895 May 21.	*JENKINS, CHARLES WILLIAM ..	Marins Street, Tamworth, N.S.W.
1890 Feb. 4.	*JENKINS, DAVID MORGAN ..	Borough Surveyor, Neath.
1894 Mar. 6.	JENKINS, GEORGE EDWARD ..	St. Mary's Hall, Coventry.
1878 Feb. 5.	JENKINS, GEORGE GORDON ..	16 Bridge St., Aberdeen.
1891 Apr. 7.	{ JENKINS, HENRY CHARLES } { Wl. Sc. .. .. }	{ Royal Coll. of Science, Kensington, S.W. [chester.
1888 Dec. 4.	JENKINS, WILLIAM JOHN ..	340 Queen's Rd., Cheetham, Man-
1876 Mar. 7.	JERVIS, ALEXANDER .. ..	23 Claremont Crescent, Edinburgh.
1877 Dec. 4.	*JESSOP, GEORGE .. ..	{ Granville House, London Road, Leicester. (Jessop, Leicester.)
1889 Dec. 3.	JICKELL, SAMUEL .. ..	City Surveyor, Nelson, N.Z.
1885 Feb. 3.	*JOBING, EDWARD FISHER ..	Moody's Down, Micheldever, Hants.
1877 Feb. 6.	*JOEL, HENRY FRANCIS ..	74 Windsor Road, Forest Gate, E.
1893 Dec. 5.	JOHNS, JOHN HENRY .. ..	Box 1021, Johannesburg, Transvaal.
1885 Mar. 3.	*JOHNS, WILLIAM ARTHUR ..	Sind-Pishin Ry., Beloochistan, India.
1894 Dec. 4.	JOHNSON, ALGERNON EDWARD	Okeleigh, Runcorn Rd., Wrexham.
1892 Mar. 1.	*JOHNSON, CHARLES THOMPSON	42 Hartington Rd., Stockton-on-Tees.
1879 May 6.	*JOHNSON, FREDERICK WILLIAM	Worcester Park, Surrey.
1887 Dec. 6.	*JOHNSON, HENRY ARTHUR ..	14 The Exchange, Bradford.
1891 Jan. 13.	JOHNSON, HENRY CLEWLY ..	Midland Ry., Eng.'s Office, Skipton.
1888 Apr. 10.	*JOHNSTON, JAMES .. ..	Waterworks, Bond Street, Brighton.
1883 Feb. 6.	JOHNSTONE, Hon. CECIL ..	Huckness Hall, Scarborough.
1876 May 2.	{ JONES, ALFRED STOWELL, E.C. } { Lt.-Col. Retired .. .. }	{ Ridge Cottage, Finchampstead, Berks.
1886 Mar. 2.	JONES, CHARLES EDWIN ..	Chesterfield.
1877 Mar. 6.	JONES, CHARLES WILLIAM ..	Gasworks, Via dei Cerchi, Rome.
1888 Apr. 10.	*JONES, CYRIL EDWARD ARENGO	Weir Courtenay, East Grinstead.
1884 May 6.	JONES, EDWARD DUKINFELD ..	Riverton, Hadley Wood, Barnet.
1894 Jan. 9.	JONES, ELIAS CHRISTOPHER, B.Sc.	3 Rugby Road, Neath.
1891 Dec. 1.	*JONES, EVAN DAVIES .. ..	2 Great George Street, S.W.
1892 May 2.	{ JONES, FREDERICK CHARLES } { PEMBROKE .. .. }	{ Club de Residentes Estrangeros, Buenos Ayres.
1881 Feb. 1.	*JONES, GEORGE ARTHUR ..	Box 410, Johannesburg, Transvaal.
1886 Mar. 2.	JONES, HAROLD .. ..	58 Baron's Court Road, W.

Date of Election.	ASSOCIATE MEMBERS.	
1891 Dec. 1.	JONES, HARRY HERBERT ..	Gas Company, Margate.
1888 Dec. 4.	*JONES, HENRY SYDNEY ..	King, King & Co., Bombay.
1876 Feb. 1.	JONES, ISAAC MATTHEWS ..	City Surveyor, Chester.
1885 Dec. 1.	JONES, JAMES .. ..	Goolburgah, Deccan, India.
1887 May 3.	JONES, JOHN CHARLES DWAFYDD	{ Eastern Extension Telegraph Co. Singapore, S.S. [worth
1887 Dec. 6.	*JONES, JOHN EDWARD ..	Santa Rosa, Northwood, Rickmans-
1875 Feb. 2.	*JONES, JOHN HUNTER ..	15 First Avenue, Brighton.
1891 Dec. 1.	JONES, MONTAGUE RHYS ..	Tasmanian Club, Hobart, Tasmania.
1891 May 5.	JONES, MORLAIS GLASFRYN ..	6 Delahay Street, Westminster, S.W.
1876 Dec. 5.	*JONES, OWEN .. ..	{ Blackale Range Rd., Beeswah Queensland.
1890 Mar. 4.	*JONES, PATRICK NICHOLAS HILL	P.W.D., San Fernando, Trinidad.
1896 Apr. 14.	{ *JONES, THOMAS GILBERT, B.Sc., Wh.Sc.	Technical College, Huddersfield.
1876 Feb. 1.	*JONES, WALTER ROBERTS ..	Fabbrica del Gas, Popolo, Rome.
1891 Apr. 7.	*JONES, WILLIAM .. ..	Gwynfryn, Colwyn Bay, N. Wales.
1886 Dec. 7.	*JONES, WILLIAM HEMMING ..	Dockyard, Liverpool.
1884 Dec. 2.	JONGH, JOHN ISIDOR DE ..	San José, Costa Rica.
1852 Dec. 7.	JOPLING, JOSEPH .. ..	29 Winchester St., Toronto, Canada
1891 Dec. 1.	JOFF, WILLIAM .. ..	Ch. Eng., Trevandrum, Travancore
1884 May 6.	JOSEPH, ALLAN FERGUSON ..	P.W.D., Barrage, Egypt. [N.S.W.
1879 Feb. 4.	*JOSEPHSON, JOSHUA PERCY ..	George St., Marrickville, Sydney.
1891 May 5.	*JOY, HENRY GOLDING .. ..	Pier Works, Tynemouth. [India.
1896 Mar. 3.	*JUDD, CHARLES RICHARD ..	Dumcherra, Barkhola P.O., Cachar
1880 Feb. 3.	JULIAN, ROBERT HILL, B.E. ..	8 Hills View, Barnstaple.
1884 May 6.	KAPTEYN, ALBERTUS PHILIPPUS	{ Westinghouse Brake Co., York Rd., N (Westinghouse, London. 7513.)
1894 Dec. 4.	{ KATRAK, NAVROJI HORMASJI, L.C.E. .. ..	53 Parsi Bazar St., Fort Bombay.
1887 May 3.	{ KEANE, JOHN RICHARD RAT-CLIFFE .. ..	Greenlands, Border Crescent, Syden- ham, S.E.
1893 Mar. 7.	*KEELING, HUGH TROWBRIDGE	Arbuthnot & Co., Madras.
1887 Mar. 1.	KEIR, FRANCIS LINDSAY ..	Ry. Dept., Brisbane, Queensland.
1888 Dec. 4.	KEITH, JAMES .. ..	{ 27 Farringdon Avenue, E.C. (Jame Keith, London. 6620.) [chester
1893 Jan. 10.	*KELLETT, HARRY .. ..	169 Burton Rd., Didsbury, Man-
1882 Mar. 7.	KEMBLE, FREDERICK .. ..	24 Church St., Kingston, Jamaica.
1894 Feb. 6.	KEMP, JOHN .. ..	Local Board, Hampton.
1889 Feb. 5.	KEMP, WILLIAM EDMUND ..	D.P.W., Sydney, N.S.W.
1878 Jan. 15.	*KEMPE, HARRY ROBERT ..	Eng.-in-Ch.'s Off., Gen. Post Off., E.C
1881 May 31.	KEMPSON, CHARLES .. ..	Corporation Buildings, Leicester.
1890 Dec. 2.	*KEMPSON, CHARLES ALDWIN ..	Merton Vicarage, Surrey.
1896 Jan. 14.	*KEMP-WELCH, JOHN .. ..	1 Challoner St., W. Kensington, W.
1890 Dec. 2.	KENDALL, ROBERT .. ..	Existing Lines Dept., Sydney, N.S.W.
1878 Feb. 5.	*KENDALL, WILLIAM BARROW ..	16 Regent Rd., Crosby, Liverpool.
1895 Dec. 3.	KENNEDY, THOMAS, JUN. ..	{ Ry. Construction Dept., Sydney, N.S.W.
✱ 1892 Dec. 6.	KENNY, WILLIAM EYRE ..	P.W.D., Wellesley, via Penang, S.S.
✱ 1892 Apr. 5.	KENSINGTON, FREDERICK ..	2 Cophall Buildings, E.C.
1888 Feb. 7.	KENT, JOHN BROADHURST ..	Commercial Gas Co., Wapping, E.
1876 Mar. 7.	KENWORTHY, EDWIN ..	Public Offices, Handsworth, Staffs.
1896 Feb. 4.	KER, ARTHUR WILLIAM ..	{ J. Watt, Bank of Africa, Durban Natal.
1890 Dec. 2.	*KER, HUGH TORRANCE ..	New Dock, Port Talbot, S. Wales.
1876 Dec. 5.	*KEBLE, WILLIAM GIBBS ..	{ J. Handcock, 33 St. Agnes Place, Kennington Park, S.E.
1893 Dec. 5.	KERR, JOSEPH MALCOLM ..	Gokak Falls, Belgaum District, India.
1887 May 3.	*KERSHAW, FREDERICK WHITE	5 Burlington Road, Southport.
1889 Dec. 3.	KIDD, HECTOR .. ..	{ Colonial Sugar Refining Co., Sydney, N.S.W.



Date of  
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## ASSOCIATE MEMBERS.

	1876 Feb. 1.	KIDD, THOMAS .. .. .	104 Balham Park Road, S.W.
	1893 Feb. 7.	KIDD, THOMAS .. .. .	Foro' Engineer, Worktop.
m +	1887 May 24.	*KIDD, WILLIAM .. .. .	Palmine Harbour, Tongue, N.B.
	1889 Feb. 5.	KIKKAWA, SANJIRO, M.E. ..	Nippon Ry., Ueyeno, Tokio, Japan.
	1893 Jan. 10.	*KILLON, HARRY BIRCH .. ..	8 Park Grove, York.
	1895 Dec. 3.	*KIMBER, JOHN FREDERIC CHARLES	{ R. Middleton, 9 Albert Square, Man- chester.
	1873 Dec. 2.	*KINCH, WILLIAM HUBERT ..	North Eastern Ry., West Hartlepool.
	1892 Jan. 12.	*KINDERSLEY, ARTHUR EDWARD	Shaistagange, Sylhet, Assam.
	1894 Dec. 4.	*KING, CHRISTOPHER WATKINS	P.W.D., Sydney, N.S.W.
	1892 Dec. 6.	{ KING, FRANCIS ALEXANDER } STUART .. .. .	East Indian Ry., Bankipore, India.
	1882 May 23.	*KINGDON, ZACHARY HARRIS, Wh. Se.	1 Mycenae Rd., Westcombe Pk.,
	1888 Jan. 10.	KINGSFORD, HERBERT .. ..	Casilla 120, Lima, Peru. [S.E.]
	1890 May 20.	KINGSLEY, ARTHUR HENRY, B.A.	Fanshaws, Hertford.
	1878 Apr. 2.	KINGSLEY, MAURICE .. ..	44 Broadway, New York, U.S.
	1886 Jan. 12.	KINGSTON, WILLIAM, B.E. ..	{ Officers' Quarters, Prince Edward's Ramp, Gibraltar.
	1865 Dec. 5.	KIRBY, CONYERS .. .. .	10 Skinner St., Newport, Mon.
	1892 Dec. 6.	KIRBY, JAMES NOBLE .. ..	Eng's Office, Midland Ry., Derby.
	1896 May 19.	{ KIRBY, JOHN FREDERICK } CAMPBELL .. .. .	E.I. Ry., Allahabad, India.
+	1894 Jan. 9.	KIRBY, OSCAR JOHN .. ..	Town Hall, Batley.
	1877 May 29.	KIRK, THOMAS .. .. .	
	1888 Feb. 7.	KIRKALDY, JOHN .. .. .	{ 40 West India Dock Road, E. (Com- pactum, London.)
	1895 Mar. 5.	KIRKPATRICK, THOMAS HENRY	Clunes, Petersham, Sydney, N.S.W.
	1884 Apr. 1.	KIRSTEIN, HENRY CHARLES ..	{ Asphodel House, Maze Hill, Green- wich, S.E.
	1888 Mar. 6.	*KITCHINGMAN, DAWSON .. ..	Blagdon House, Blagdon, Somerset.
	1872 Jan. 9.	KITT, ALFRED .. .. .	11 Victoria Street, S.W.
	1873 Jan. 14.	KITT, BENJAMIN .. .. .	Sydney Lodge, Bathwick, Bath.
	1894 Mar. 6.	*KLOPP, GEORGE ONNO HOMFELD	133 Longmarket St., Cape Town, C.C.
	1878 Mar. 5.	{ *KNAPP, CHARLES CORNWALLIS } BURTON .. .. .	The Chestnuts, Causeway, Staines.
	1891 Dec. 1.	KNIGHT, BERTRAND THORNTON	P.O., Perth, Western Australia.
	1887 Dec. 6.	*KNIGHT, JAMES PERCY .. ..	Ravensthorpe, Cranbrook Pk., Ilford.
	1890 Mar. 4.	KNIGHT, JOHN .. .. .	City Surveyor's Office, Birmingham.
	1896 Jan. 14.	KNIGHTS, RICHARD .. .. .	6 Mornington Villas, Waustead Pk., E.
	1888 May 1.	*KNOWLES, ARTHUR JAMES, B.A.	L.D. & E.C. Ry., Clowne, Chertfield.
	1890 Dec. 2.	KNOWLES, CHARLES EDWARD ..	Holmdale, Glossop, Manchester
	1895 Jan. 8.	KNOWLES, GEORGE WILLIAM ..	Raincliffe, Clevedon, Somerset.
	1888 Feb. 7.	KNOWLES, ROBERT .. .. .	Ednaston Lodge, near Derby.
	1894 Dec. 4.	KOCH, AUGUST CHARLES .. ..	P.W.D., Auckland, N.Z.
	1893 Dec. 5.	KOLLE, HAROLD WERNER .. ..	Egremont, Tulsa Hill, S.W.
	1882 Apr. 4.	*KORTRIGHT, LAWRENCE MOORE	St. Kitts, West Indies.
	1888 Jan. 10.	KUWABARA, MASA, M.E. ..	26 Yekobori-Itchome, Osaka, Japan
	1893 Dec. 5.	LABASTIDE, ALBERT FRANCIS DE	Govt. Rys., Trinidad.
	1893 Dec. 5.	{ LABASTIDE, FERDINAND JOSEPH } DE JACQUES DE .. .. .	P.W.D., Port of Spain, Trinidad. [Australia.]
	1887 Feb. 1.	*LABATT, JOHN BAGOT .. ..	Brougham Place, N. Adelaide, S.
	1893 Dec. 5.	LACEY, E. MATTHEW .. ..	10 Delahay St., Westminster, S.W.
	1885 May 19.	LACEY, FREDERICK WILLIAM ..	Town Hall Chambers, Bournemouth.
m	1883 May 29.	*LACEY, THOMAS STEPHEN ..	{ Gas Light & Coke Co., Lupus St., S.W. (F. C. Porto Alegre, Novo Hamburga, Rio Grande do Sul, Brazil.
	1891 Dec. 1.	LACHLAN, WILLIAM .. .. .	Water Eng., St. Helen's, Lancs.
	1894 May 22.	LACKLAND, JOHN JAMES .. ..	{ Holderness Drainage, Beverley, Yorks.
	1894 Dec. 4.	LACKLAND, WILLIAM SAMUEL	
	1896 Apr. 14.	*LADE, ALEXANDER .. .. .	Keyham Dockyard, Devonport.
	1885 Dec. 1.	LAFFAN, GEORGE BASTABLE, B.E.	Local Board, Twickenham.

Date of Election.	ASSOCIATE MEMBERS.	
1890 May 20.	LAING, THOMAS ELCOAT .. ..	Colonial Surveyor, Sierra Leone.
1895 May 21.	*LAING, WILLIAM ARTHUR BAIRD	59 Manor Place, Edinburgh.
1893 Dec. 5.	LAING-MEASON, GILBERT .. ..	South Canterbury Club, Timaru, N.Z.
1886 Mar. 2.	*LAKE, HARRY HERBERT .. ..	P.W.D., Gwalior, Central India.
1889 May 7.	{*LAKE, WILLIAM GEORGE WOOLLCOMBE .. .. .}	Box 1970, Johannesburg, Transvaal.
1893 Dec. 5.	LAMBERT, FITZGERALD GAGE	B. & N.W. Ry., Mozufferpore, India.
1882 Mar. 7.	*LAMBERT, GEORGE BUCHANAN	11 Anerley Park, S.E.
1895 Apr. 2.	*LAMBERT, JOSHUA .. .. .	43 Argyle Road, Tottenham, N.
1889 Dec. 3.	*LANCASHIRE, WILLIAM THOMAS	{District Surveyor, Town Hall, Sheffield.
1892 May 3.	LANCASTER, EDWARD WILLIAM	52 Bristol Rd., Birmingham.
1889 Dec. 3.	{LANCASTER, WILLIAM JOSEPH COSENS .. .. .}	The Kraal, St. Julian's Farm Road, West Norwood, S.E.
1888 Feb. 7.	*LANDER, PHILIP VINCENT .. ..	Lyndhurst, Hampton Wick.
1895 Dec. 3.	LANITLESS, JAMES THOMAS .. ..	Station Buildings, Nelson, Lans.
1873 Dec. 2.	*LANDON, FRANK HOWARD .. ..	28 Clarendon Road, Bedford. [E.C.
1884 May 27.	*LANDON, HERBERT JOHN .. ..	Dickeson & Stewart, 4 Qn. Victoria St.,
1893 Dec. 5.	{*LANDON, WILLIAM HENRY FITZROY .. .. .}	Creaton House, Northampton.
1887 Dec. 6.	LANE, GEORGE .. .. .	Gasworks, Aylesbury.
1895 Feb. 5.	*LANE, STANLEY ARTHUR .. ..	33 Avondale Ter., Keyham, Devon-
1880 Dec. 7.	*LANG, JOHN CHARLES .. .. .	Liskeard, Cornwall. [port.
1882 Mar. 7.	{*LANGE, FREDERICK MONTA- GUE TOWNSHEND .. .. .}	53 bis Bd. de la Liberté, Lille, France.
1880 Dec. 7.	LANGTREE, OCTAVIUS .. .. .	52 Fairholme Rd., West Kensington.
1895 Dec. 3.	LARARD, CHARLES EDWARD .. ..	Polytechnic Institute, Battersea, S.W.
1886 Mar. 2.	*LARGE, CHARLES JOHN EDMONDS	Brecon.
1896 May 5.	*LASHMORE, ERNEST WARD .. ..	31 New Alma Rd., Southampton.
W t ✱ 1886 Apr. 6.	LAST, WILLIAM ISAAC, Wh. Sc.	{Machinery Division, S. Kensington Museum, S.W.
1892 Apr. 5.	*LATIMER, HUGH HAUGHTON .. ..	Apartado 385, Mexico City.
1892 Mar. 1.	LAUGHARNE, THOMAS ROLAND .. ..	49 John Finnie St., Kilmarnock, N.B.
1883 May 29.	*LAURENCE, REGINALD .. .. .	Gothic Works, Norwich.
1893 Dec. 5.	*LAURENS, FRANK .. .. .	Norfolk Park, Maidenhead.
1894 Dec. 4.	*LAURIE, KENNETH SMALE .. ..	East Indian Ry., Jamalpur, Bengal.
1895 Dec. 3.	*LAVELLE, DAVID JOHN .. .. .	Wilson & Co., Madras.
1878 May 28.	LAVEY, CHARLES .. .. .	19 Arundel Sq., Barnsbury, N.
1888 Apr. 10.	*LAW, HERBERT HENRY .. .. .	9 Pitt Street, Kensington, W.
1886 Jan. 12.	LAWFORD, GEORGE MAXWELL .. ..	13 Victoria Street, S.W. [chester.
1890 May 20.	LAW-GREEN, CHARLES .. .. .	Eng.'s Office, Wroughton, Wilts.
1896 May 5.	LAWN, JAMES GUNSON, A.R.S.M.	School of Mines, Kimberley, C.C.
1892 May 3.	*LAWSON, ALBERT WILLIAM .. ..	56 Grenville Street, Stockport.
1882 May 2.	LAWSON, CHARLES GRIFFIN .. ..	Dist. Council, Palmer's Green, N.
1889 Dec. 3.	*LAWSON, CHARLES HENRY .. ..	38 Victoria Buildings, Manchester.
1893 Dec. 5.	{LAWSON, CHARLES WILLIAM RUFFLE .. .. .}	Ry. Dept., Melbourne, Victoria.
1892 Dec. 6.	*LAWSON, HENRY JOHN .. .. .	The Brewery House, King's Lang-
1887 Dec. 6.	*LAWSON, JAMES IBBS .. .. .	Rys., Wanganui, N.Z. [ley.
1886 Feb. 2.	LAWSON, VINCENT ALEXANDER	Stroud, Gloucestershire.
1888 Dec. 4.	LAWTON, RICHARD JOHNSON .. ..	47 Waldegrave Park, Twickenham.
1892 Mar. 1.	*LAZENBY, ARTHUR, B.A. .. ..	12 Cholmley Villas, Long Ditton.
1895 Dec. 3.	*LEAVER, CYRIL D'ARCY .. .. .	14 Horbury Cres., Ladbroke Sq., W.
1893 Dec. 5.	LECOQC, SAMUEL .. .. .	G.P.O., Melbourne, Victoria.
1878 May 28.	LEE, EDWIN .. .. .	Ferncliffe, Harehills Avenue, Leeds.
1890 May 20.	LEE, JOHN, M.A. .. .. .	15 St. John's Street, Mansfield.
1866 May 1.	LEECHMAN, WILLIAM CAREY .. ..	92 Sinclair Road, Kensington, W.
1888 Feb. 7.	{*LEES, ARTHUR EDWARD TRE- VILLION .. .. .}	Box 455, Johannesburg, Transvaal.
1895 Dec. 3.	LEES, HERBERT .. .. .	Gasworks, Hexham.
1883 Mar. 6.	*LEES, OSWALD CAMPBELL .. ..	P.W.D., Mozufferpore, India.
1891 Mar. 3.	LEETE, WILLIAM HENRY .. .. .	Shire Hall, Bedford.
1887 Dec. 6.	*LEFEBURE, EDOUARD ELIE .. ..	Perambur Works, Madras.

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## ASSOCIATE MEMBERS.

	1887 Mar. 1.	LEFROY, GEORGE ANTHONY ..	Chief Surveyor, Perak, S.S.
m	1886 Dec. 7.	*LEGG, WILLIAM ANDREW ..	{ Waterworks, Elan Valley, Rhayader, Rads.
m	1891 Feb. 3.	*LEGROS, LUCIEN ALPHONSE ..	57 Brook Green, Hammersmith, W.
	1891 Feb. 3.	*LE GROS, SYDNEY .. ..	3 The Crescent, Buxton.
	1888 Feb. 7.	*LEIGH, FREDERICK JAMES ..	Loco. & Eng. Co., Kingston, Canada.
	1887 Dec. 6.	LEIGH, HENRY HARRINGTON ..	{ 22 Southampton Bldgs., Chancery Lane, W.C. (Rutnevni, London. 2791.)
	1895 Jan. 8.	LEIGH, JOHN ALFRED .. ..	72 Cecil Street, Manchester.
	1892 Feb. 2.	{ *LE MESURIER, HARRY HUNT } PEVERIL .. .. .	King, King & Co, Bombay.
m	1887 May 24.	*LENGERKE, RUDOLPH EMIL VON	1 Victoria Street, S.W.
	1891 Dec. 1.	LESLIE, BRADFORD .. .. .	Bengal-Nagpur Ry., Nagpur, India.
	1883 May 29.	LESLIE, JOSEPH .. .. .	{ 3 Canal Street, North Road, Entally, Calcutta.
	1891 Mar. 3.	LESLIE, ROBERT FLETCHER ..	East Indian Ry., Calcutta.
	1882 May 23.	LESTER, EDWARD ROLLS ..	13 Whitefield Terrace, Plymouth.
	1895 Mar. 5.	*LESTRANGE, FRANCIS SAMUEL	32 Victoria Street, S.W.
	1884 Dec. 2.	*LEVENTHORPE, ALGERNON ..	H. S. King & Co., 45 Pall Mall, S.W.
	1891 May 12.	*LEVENTHORPE, JOHN BONFOY	King, King & Co., Bombay.
	1872 Dec. 3.	LEWIS, ALFRED DAVID .. ..	34 Leinster Gdns., Hyde Park, W.
	1888 Jan. 10.	LEWIS, FRANK BECKETT .. ..	Guilddhall, Nottingham.
	1892 Jan. 12.	LEWIS, HERBERT CLARK .. ..	The Marly, Aberdare.
	1889 Dec. 3.	*LEWIS, JOHN HARRY .. ..	Surv.'s Off., Blackwood, Mon.
	1893 Dec. 5.	*LEWIS, JOHN THORPE .. ..	South Indian Ry., Madras. [Rads.
	1891 Jan. 13.	*LEWIS, SIDNEY COOKE .. ..	Waterworks, Elan Valley, Rhayader,
	1896 Feb. 4.	LEWIS, THOMAS LAWRENCE ..	District Council, St. George, Bristol.
	1893 Jan. 10.	LEWIS, WILLIAM THOMAS ..	West Canal Wharf, Cardiff.
	1888 Dec. 4.	*LIBBIS, GEORGE HILDER .. ..	Standish Ry., Coppull, Chorley.
+	1892 Dec. 6.	*LIDDLE, WILLIAM .. .. .	{ Parma House, Huddersfield Road, Bainsley.
	1885 Dec. 1.	*LIGHT, ERNEST EDWARD ..	{ Eng.-in-Chief's Office, Perth, Western Australia.
	1893 Dec. 5.	*LIGHTBODY, ARTHUR EDWARD	{ M. Fortune, 559 Calle Piedad, Buenos Ayres.
	1877 Dec. 4.	LILLEY, THOMAS ISAAC .. ..	7 Victoria Street, S.W.
	1888 Feb. 7.	LILLEGVIST, JOHAN RUDOLF ..	Bengtsfors, Sweden.
	1881 Feb. 1.	*LINACRE, JOHN .. .. .	Hay, Breconshire.
	1892 Dec. 6.	LINDE, ALBERT DE .. .. .	Tientsin, China.
	1889. May 7.	{ LINDSAY, CHARLES DE LA } POIRE CRAWFORD .. .. .	Assistant Boro' Engineer, Durban, Natal.
	1879 Dec. 2.	LINGING, FREDERICK EDWARD	British Gas Light Co., Norwich.
	1892 Apr. 5.	LINGWOOD, GEORGE .. .. .	Waterworks, Barbados.
	1891 Dec. 1.	*LINNELL, ALFRED JAMES ..	Keyham Dockyard Works, Devonport.
	1890 May 6.	LINSCOMB, HERBERT NICHOLSON	Midland Ry., Kettering.
	1886 Dec. 7.	LISBOA, ALFRED .. .. .	P.O. Box 907, Rio de Janeiro.
	1878 May 28.	LITCHFIELD, HENRY CHARLES	P.W.D., Vryburg, Bechuanaland.
+	1887 Dec. 6.	LITSTER, DAVID MICHAEL ..	Grindlay's, 55 Parliament St., S.W.
	1895 Dec. 3.	LITTLE, ALBERT GEORGE .. ..	{ Ry. Construction Branch, P.W.D., Sydney, N.S.W.
	1885 Apr. 14.	*LITTLE, CHRISTOPHER .. ..	Ry. Construction Dep., Sydney, N.S.W.
	1889 Dec. 3.	{ *LITTLE, WILLIAM DORRINGTON } BOYLE .. .. .	Limavady, Eton, Mackay, Queens-land.
	1888 Dec. 4.	*LITTLEJOHN, HENRY .. ..	P. O., Kew, Melbourne, Victoria.
	1889 Dec. 3.	{ LIVENS, FREDERICK HOWARD } WH.Sc. . . . .	Ruston, Proctor & Co., Lincoln.
	1891 Feb. 3.	*LIVERSIDGE, JOHN GEORGE ..	{ H.M.S. "Collingwood," Mediterranean Fleet.
	1895 Apr. 2.	*LIVESEY, ALFRED PERCIVAL ..	Aspartado 566, Havana, Cuba.
	1893 Feb. 7.	LIVINGSTONE, GEORGE .. ..	1 Pimlico Road, S.W.
	1884 May 6.	LLORET, ANDRÉS .. .. .	Montevideo, Uruguay. [Transvaal.
	1891 Mar. 3.	*LLOYD, BELL GEORGE .. ..	Westwood & Winby, Komati Poort,
	1890 Jan. 14.	*LLOYD, CHARLES VEREKER ..	Scott & Co., Rangoon, Burma.

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## ASSOCIATE MEMBERS.

	1882 May 2.	{*LLOYD, G. A. HAMILTON FITZ- WARRINE .. .. .}	75 St. Mildred's Court, Poultry, E.C. (Norpol, London. 15,052.)
	1892 Mar. 1.	*LOAN, MATTHEW .. .. .	Moditanham, Hatt, Cornwall.
✱	1889 Jan. 8.	*LOBNITZ, FREDERIC .. .. .	Clarence House, Renfrew, N.B.
	1886 May 4.	LOCH, RICHARD .. .. .	31 New Walk, Leicester.
	1893 Jan. 14.	*LOCHHEAD, KERR, B. Sc. ..	33 Gordon Street, Glasgow.
	1886 Feb. 2.	*LOCKHART, HAROLD EDWARD	67 Granville Park, Blackheath, S.E.
	1889 Dec. 3.	LOCKYER, JAMES EDWARD ..	Kurnool, Madras.
	1888 Apr. 10.	LOCKYER, NORMAN JOSEPH ..	8 Great George Street, S.W.
	1865 Feb. 7.	LOEFFLER, JOHN CHARLES LEWIS	The Abbey, Campden Hill Rd., W.
	1880 Feb. 3.	LOGAN, JOHN WILLIAM, M.P.	Market Harborough.
	1892 May 3.	LOMAX, CHARLES JAMES .. ..	{19 Grosvenor Chambers, Deansgate, Manchester. (1788.)}
	1885 May 5.	LOMAX, WALTER JOHN .. ..	11 Fold Street, Bolton.
	1893 May 2.	*LONG, FRANCIS MADDISON ..	Electricity Co., Duke St., Norwich.
	1869 Dec. 7.	LONG, WILLIAM HOUSTON ..	Union Club, Trafalgar Square, S.W.
	1894 Dec. 4.	{LONGFIELD, RICHARD WILLIAM FREDERICK, B.A.I. .. ..}	County Surveyor, Donegal.
	1894 Dec. 4.	{*LONGHURST, FREDERICK HERD- MAN .. .. .}	{Hyderabad-Godavery Valley Ry., Secunderabad, India.
	1882 Dec. 5.	LONGRIDGE, ROBERT CHARLES	Kilrie, Knutsford.
	1891 Jan. 13.	LOUCH, JOHN DA VINCI .. ..	P. W. D., Pahiatua, Wellington, N.Z.
	1883 Mar. 6.	LOUTH, GEORGE EDWARD ..	Eng.'s Off., G.W.Ry., Newport, Mon.
	1891 Dec. 1.	LOUTTIT, JAMES STRUTHERS ..	{Australian Chams., Queen St., Bris- bane, Queensland.
	1896 Feb. 4.	LOVE, GEORGE RANKIN .. ..	Gasworks, Dundalk, co. Louth.
	1884 Mar. 4.	*LOVEGROVE, CHARLES ARTHUR	Benilton, Sutton, Surrey.
	1889 Jan. 8.	*LOVEGROVE, EDWIN JAMES ..	{Hornsey District Council, South- wood Lane, N.
	1860 Mar. 6.	LOVEGROVE, JAMES .. .. .	18 Urswick Rd., Lower Clapton, E.
	1888 Feb. 7.	*LOW, PERCY ARCHIBALD .. ..	Ember House, East Molesey.
T t m ✱	1885 Mar. 3.	*LOWCOCK, SIDNEY RICHARD ..	35 Waterloo St., Birmingham.
	1874 Feb. 3.	LOWE, JOHN EDGAR .. .. .	{2 Laurence Pountney Hill, E.C. (Bird, London. 1530.)}
	1890 Dec. 2.	LOWRY, FREDERICK .. .. .	Drainage Commission, Bridgwater.
	1892 Dec. 6.	LOWRY, ROBERT CHARLES ..	Dr. Fagan, New Westminster, Brit.
	1892 Dec. 6.	LUARD, EDWARD SYDNEY ..	Malabar Hill, Bombay. [Columbia.
	1870 Dec. 6.	LUCAS, ARTHUR .. .. .	27 Bruton Street, W.
	1891 Feb. 3.	LUCAS, SAMUEL ERNEST .. ..	East Leake, nr. Loughborough.
	1880 Dec. 7.	LUCKSTEDT, HENRY .. .. .	W. Watson & Co., Bombay.
	1891 Feb. 3.	*LUCY, WILLIAM THEODORE ..	{Evans, Livock & Co., 130 Calle 25 de Mayo, Buenos Ayres.
	*1888 Feb. 7.	LUDBROOK, SAMUEL WILLIAM	Commercial Gas Co., Poplar, E.
	1891 Dec. 1.	{LUFF, GEORGE ANDREW MID- DLEMISS .. .. .}	G. P. O., Wellington, N.Z.
✱	1882 Dec. 5.	LUKIS, ERNEST DU BOIS .. ..	{Gran Fundicion Central Mexicana, Aguascalientes, Mexico.
	1890 Mar. 4.	LUMB, TOM GALLON .. .. .	51 Market St., Blackpool.
	1891 Dec. 1.	LUND, ARTHUR .. .. .	Asst. Borough Engineer, Bedford.
	1888 Feb. 7.	LUND, GEORGE WILLIAM .. ..	Boro' & Water Engineer, Blackburn.
	1883 May 29.	*LUNGLEY, ARTHUR ROBERT ..	Fulton & Co., Adelaide, S. Australia.
	1891 Jan. 13.	LUNN, ALFRED .. .. .	Middle Level Drainage, March.
	1893 Jan. 10.	LUNN, WILLIAM .. .. .	19 Rosendale Rd., WestDulwich, S.E.
	1892 May 24.	LUPTON, ERNEST .. .. .	45 Melford Rd., Lordship Lane, S.E.
	1892 May 3.	*LYELL, DAVID .. .. .	1 Rutland Road, Chesterfield.
	1887 Jan. 11.	LYELL, ROBERT, B. Sc. .. ..	{F. C. Nord Este, Monte Cesaros, Argentina.
	1892 Jan. 12.	LYNAM, FRANCIS JOHN, B.E. ..	Co.Surveyor's Office, Omagh, Tyrone.
	1891 Dec. 1.	*LYNAM, GEORGE TROTTER ..	Burgh Surveyor's Office, Aberdeen.
	1873 May 6.	LYNCH, EDWARD JAMES .. ..	45 Corrêa Dutra, Cattete, Rio de
	1882 Jan. 10.	LYNCH, JOSEPH .. .. .	Nova Friburgo, Brazil. [Janiero.
	1885 Feb. 3.	LYNDE, FREDERICK CHARLES ..	25 Cross Street, Manchester.
	1858 Feb. 2.	LYON, GEORGE .. .. .	Valparaiso, Chili.

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## ASSOCIATE MEMBERS.

1895 Feb. 5.	*MACANDREW, HAROLD, A.R.S.M.	Box 227, Bulawayo, South Africa.
1892 May 3.	{MACALISTER, ROBERT JOHN DUDLEY .. .. .}	Heathfield, Plumstead, S.E.
1882 Apr. 4.	MCARTHUR, DUNCAN WILLIAM	Paeoroa, Ohinemuri, Auckland, N.Z.
1889 Dec. 3.	*MACAULAY, FREDERIC WILLIAM	Cotherstone, Darlington.
1893 Dec. 5.	{MACAULAY, HERBERT SAMUEL HEELAS .. .. .}	South Cot, Lagos, West Africa.
1883 Dec. 4.	MACBEAN, MALCOLM AENEAS	Office of Public Works, Glasgow.
1887 Feb. 1.	MCBEATH, ALEXANDER GORDON	Cawdor Ho., Marlborough Rd., Sale.
1890 May 6.	MACBETH, JOHN BRUCE KING	44 Tamarind Lane, Bombay.
1881 Jan. 11.	MACBRAIR, ROBERT ALEXANDER	Bank Chambers, Lincoln.
1894 Dec. 4.	MACCABE, WILLIAM BERNARD	Belville, Donnybrook, Dublin.
1890 May 20.	{MCALLUM, THEOPHILUS SEP- TIMUS .. .. .}	4 Chapel Walks, Cross St., Man- chester. (Drainage, Manchester. 1560.)
1890 Feb. 4.	McCLEW, WILLIAM CHARLES	Erin View, Portpatrick, N.B.
1892 May 24.	*McCLURE, DONALD MARSH ..	3 Bridge Street, Stockport.
1892 Dec. 6.	*McCOWAT, GEORGE HUTCHESON	{8 Regent's Park Sq., Strathbungo, Glasgow.
1875 Jan. 12.	McCULLOCH, ALEXANDER ..	Gayfield Place, Edinburgh.
1884 Dec. 2.	*MACDONALD, ANGUS RODERICK	King, Hamilton & Co., Calcutta.
1876 May 30.	MACDONALD, AUGUSTUS VANZANDT	Ry. Dept., Auckland, N.Z.
1881 May 31.	MACDONALD, DONALD .. ..	110 Cannon Street, E.C.
1888 Dec. 4.	MACDONALD, DONALD GRANT	Urban District Council, Rugby.
1892 May 24.	*MACDONALD, GEORGE CHAMPION	Midland Ry., 79 Islip St., N.W.
1892 Mar. 1.	*MACDONALD, MURDOCH .. ..	Bayfield Vil., Midmills Rd., Inverness.
1894 May 1.	*McDONNELL, IAN ALISTER, B.E.	E.I. Ry., Asansol, Bengal.
1896 Mar. 3.	McDOUGALL, JAMES, B.A. ..	{Court House, Adelaide St. East, Toronto, Canada.
1885 Feb. 3.	McEWEN, THOMAS SMITH ..	Govt. Rys., Port Elizabeth, Capo
1879 Dec. 2.	*MACFARLANE, DONALD .. ..	Breakwater, Portland. [Colony.
1884 Dec. 2.	{*MACFARLANE, THOMAS JOHN MALCOLM .. .. .}	Box 1026, Johannesburg, Transvaal
+ 1883 Dec. 4.	MACGEORGE, LESLIE DUNCAN	County Council, Clyde, Otago, N.Z.
1890 Dec. 2.	{McGLASHAN, PATRICK BLACK- STOCK .. .. .}	Dist. Eng., Kinta, Perak, S.S.
1879 Feb. 4.	MACGREGOR, ALFRED ALEXANDER	{L. & N. W. Ry., Wortley Road, Gildersome, Leeds.
1876 May 27.	*MACGREGOR, ALEXANDER ..	3 Collingham Gds., Kensington, S.W.
1894 Jan. 9.	*McGUIRE, JAMES CLARK ..	Ellicott City, Howard County, Md.
1893 Apr. 11.	*McINTOSH, HORACE ARTHUR ..	F. C. Central, Montevideo. [U.S.A.
1891 Jan. 13.	{*MACINTYRE, JAMES GILBERT STEVENSON .. .. .}	E. F. Sul, Palmares, Pernambuco, Brazil.
m 1880 May 4.	*MACKAY, JOHN CHARLES ..	28 Victoria St., S.W. (3128).
1890 Mar. 4.	McKELVIE, WILLIAM .. ..	City Surveyor, Ely.
1890 Feb. 4.	MACKENZIE, ARCHIBALD THOMAS	P.W.D., Thekady, Travancore, India.
1890 Dec. 2.	*MACKENZIE, JAMES .. ..	Govt. Rys., Maritzburg, Natal.
1884 Dec. 2.	{MACKENZIE, JAMES KENETH DOUGLAS .. .. .}	
1894 Feb. 6.	*McKENZIE, LESSEL STEPHEN ..	The Warren, Loughton, Essex.
1892 Dec. 6.	{MACKENZIE - RICHARDS, PETER FELIX .. .. .}	21 Great George St., S.W. [India.
1877 Mar. 6.	MACKIE, CHARLES HASTINGS ..	R. M. Ry., Abu Road, Rajputana,
1882 Dec. 5.	McKIE, ISAAC SHEPHERD ..	City Surveyor's Office, Manchester.
1885 Dec. 1.	McKIE, JAMES .. .. .	The Guild Hall, York.
1885 May 19.	*MACKINLAY, FREDERICK ..	Callao 1669, Buenos Ayres.
1885 May 19.	*MACKINNON, WILLIAM MACLEOD	Post Office, Vancouver, B.C.
1877 Mar. 6.	MACKINTOSH, PETER ARTHUR	The Limes, Avenue Road, Torquay.
1880 Dec. 7.	*MACLACHLAN, ALEXANDER ..	{10 Laverockbank Road, Trinity, Edinburgh.
1888 Dec. 4.	{*MACLAREN, JAMES WADDELL BOYD .. .. .}	Swan and MacLaren, Singapore, S.S.
1884 Dec. 2.	*McLAREN, RAYNES LAUDER	10 Lammas Park Gardens, Ealing, W.

Date of Election.	ASSOCIATE MEMBERS.	
1894 Dec. 4.	{MACLEAN, CHARLES STEWART DOUGLAS .. .. .}	Eng.'s Office, Midland Ry., Derby.
1889 Dec. 3.	MACLEAN, CHARLES WILLIAM	Marine Board, Melbourne, Victoria.
1883 Dec. 4.	*MACLEAN, FRANCIS WILLIAM	Wellington, N.Z.
1890 Apr. 1.	MACLEAN, MORDAUNT LEYBURN	The Rift, Bural, N.S.W.
1893 May 2.	McLELLAN, DUGALD .. ..	{Eng.'s Office, L. T. & S. Ry., Fenchurch street, E.C.
1877 Feb. 6.	McLELLAN, GEORGE .. ..	{Le Sueur Brothers, Church Square, Cape Town, C.C.
1889 May 21.	*MACLELLAN, WILLIAM TURNER	{129 Troughton, Glasgow. (MacLellan, Glasgow.) [Lennan, Bilbao.]
1879 Feb. 4.	MACLENNAN, JOSEPH .. ..	Portugalete, Bilbao, Spain. (MacLeadmore, Branksome Wood Road, Bournemouth.)
1876 Dec. 5.	*MACMAHON, HENRY EUGENE	195 Clapham Road, S.W.
1894 Feb. 6.	*McMAHON, PETER VALENTINE	Fortaleza, Brazil.
1889 Dec. 3.	McMAKING, THOMAS .. ..	King, King & Co., Bombay.
1893 May 16.	McMILLAN, HENRY .. ..	45 John Street, Glasgow.
1894 Jan. 9.	*McMILLAN, JAMES PETER ..	Gas L. & C. Co., Kensal Green, W.
1884 May 6.	McMINN, ARTHUR CHARLES ..	Foxes Bridge Colliery, Cinderford, Glos.
1891 Feb. 3.	{*McMURTRIE, GEORGE EDWIN JAMES .. .. .}	Midland Ry., Jhansi, India.
1890 Dec. 2.	McNEILL, JOHN SMITH .. ..	29 North Villas, Camden Square, N.W.
1893 May 2.	{McNEILL, WILLIAM, Wh. Sc., A.R.S.M. .. .. .}	Gasworks, Londonderry.
1878 May 28.	MACNIE, JOHN .. .. .	Eng.'s Office, St. Euoch Station, Glasgow.
1896 Feb. 4.	MACPHERSON, MALCOLM .. ..	Waterworks Office, Bristol.
1887 Apr. 5.	McPHERSON, JOHN AMBROSE ..	South Hoins Ry., Plymstock, Plymouth.
1891 May 1.	{McQUEEN, WILLIAM TEMPLE, B.Sc. .. .. .}	{African Lakes Corporation, British C. Africa (via Chinde, E. Africa).
1892 May 3.	MACRONE, GRIEVE .. .. .	14 Somerset Place, Bath.
1892 Apr. 5.	MACTIER, ALEXANDER STEWART	38 Walmer Rd., Birkdale, Southport.
1892 May 24.	*MADDOCK, PERCY WALTER ..	9 Carteret St., Westminster, S.W.
1891 Jan. 13.	MAGINNIE, JAMES PORTER ..	Water Supply Off., Ballarat, Victoria.
1884 Apr. 1.	MAHONY, FRANCIS RONAN ..	Vestry Hall, Hammersmith, W.
1889 Feb. 5.	MAIR, HUGH .. .. .	39 Dockway Square, North Shields.
1891 Dec. 1.	*MAIR, JAMES, Wh.Sc. .. ..	10 Harbor St., Kingston, Jamaica.
1884 Apr. 1.	*MAIS, CHARLES LESLIE STEWART	
✠ 1891 Dec. 1.	{*MALCOLMSON, JAMES WADDELL, Wh.Sc. .. .. .}	Apartado 94, Pachuca, Mexico.
1882 Mar. 7.	{*MALET, ALLAN ARTHUR GRENVILLE .. .. .}	Parry & Co., Madras.
1889 Dec. 3.	MALLALIEU, FRANCIS MAYALL	Box 715, Johannesburg, Transvaal.
1894 Dec. 4.	MALSCH, CHARLES CHRISTIAN	{W. W. Gwyther, 103 Temple Chambers, E.C.
1889 Apr. 2.	MALTEY, FREDERIC THOMAS ..	Boro' Surveyor, Guildford.
1894 Apr. 3.	MANN, GEORGE .. .. .	12 South Clowu St., Aberdeen.
1891 May 5.	MANN, JABEZ .. .. .	Local Board, Sevenoaks.
1886 Jan. 12.	MANN, JOHN RANDALL .. ..	{Beaumont House, The Woodlands, Isleworth. [Melbourne, Victoria.
1883 May 1.	*MANN, JOHN RANDALL, JCN...	Johnstone & Tait, 80 Swanston St., 30 Garlies Rd., Forest Hill, S.E.
1876 May 2.	MANNERING, HORACE JOHN ..	Town Hall, Chelsea, S.W.
1895 May 21.	MANNING, WILLIAM ROBERT ..	5 Victoria Street, S.W.
1891 May 5.	*MANSEIGH, ERNEST LAWSON ..	New Docks, Portsmouth.
1891 Dec. 1.	*MANTON, ARTHUR WOODROFFE	107 Manor Road, Brockley, S.E.
1881 Feb. 1.	*MANWARING, HENRY HARE ..	23 St. Swinith's Lane, E.C.
1885 Feb. 3.	*MARCEY, ALEXANDER .. ..	Manawatu Ry., Wellington, N.Z.
1889 May 21.	MARCHEBANKS, JAMES .. ..	The Cedars, Gosforth-on-Tyne.
1883 May 1.	*MARJORIBANKS, DUDLEY SINCLAIR	155 Westbourne Terrace, W.
1893 Jan. 10.	*MARKEY, WALTER .. .. .	13 Temple Street, Birmingham.
1892 Dec. 6.	{*MARKS, EDWARD CHARLES ROBERT .. .. .}	

Date of  
Election.

## ASSOCIATE MEMBERS.

t	✠	1884 Mar. 4.	*MARKS, GEORGE CROYDON ..	{ 18 Southampton Buildings, Chancery Lane, W.C. (Abecedary, London).
		1887 Apr. 5	*MARKS, HENRY CAPNER ..	Boro' Engineer, Dewsbury.
		1872 Dec. 3.	MARKS, THOMAS THOMAS ..	Llewelyn Chambers, Llandudno.
		1887 Feb. 1.	*MARRIAN, FREDERIC YORK ..	{ 1 Cranley Villas, Muswell Hill Rd., Highgate, N.
		1894 Dec. 4.	*MARRINER, WILLIAM WRIGHT	9 Hamilton Terrace, Greenwich, S.E.
		1889 Feb. 5.	*MARSH, DOUGLAS EARLE ..	G. N. Ry., Loco. Dept., Doncaster.
		1887 May. 3.	{ *MARSH, LEONARD SWAINE MORTLOCK .. .. . }	Waterworks Office, Sheffield.
		1876 Feb. 1.	MARSHALL, ARTHUR, B.A. ..	Swadlincote, Burton-on-Trent.
		1886 Dec. 7.	*MARSHALL, HERBERT AUGUSTUS	Alexandrowsk, Ekaterinoslav, Russia.
		1889 May 7.	MARSHALL, JENNER GUEST ..	Chance Bros. & Co., nr. Birmingham.
		1893 Mar. 7.	MARSHALL, LAUNCELOT PAUL	Main Drainage Works, Norwich.
		1888 May 15.	MARSTON, CHARLES FREDERICK	Borough Surveyor, Sutton Coldfield.
		1892 May 24.	*MARSTON, EDWARD HOWIS ..	21 Queen's Road, Beckenham.
		1884 Feb. 5.	MARSTON, GEORGE DALLAS ..	G.I.P. Ry., Bombay.
		1893 Dec. 5.	MARTEN, HENRY .. .. .	Pendennis Ho., Downend, nr. Bristol.
		1884 May 27.	*MARTEN, HENRY JAMES ..	158 Streatham High Road, S.W.
		1891 May 5.	*MARTEN, HUBERT BINDON ..	M. S. & L. Ry., Leicester.
		1893 Apr. 11.	*MARTIN, ERNEST METEOR ..	Hanwell, W.
		1878 Feb. 5.	MARTIN, GEORGE .. .. .	85 Central Hill, Up. Norwood, S.E.
		1893 Dec. 5.	MARTIN, GEORGE HENRY ..	189 Ashmore Rd., St. Peter's Park, W.
		1887 Dec. 6.	MARTIN, JOSEPH ERNEST ..	Nizam's Ry., Secunderabad, India.
		1877 Mar. 6.	MARTIN, THOMAS HENRY ..	New Barnet, Herts. [Fé, Argentina.
		1886 May 18.	MARTIN, WILLIAM JAMES ..	Aguas Corrientes, Rosario de Santa
		1888 Dec. 4.	*MARTINDALE, WARNE BEN HAY	38 Parliament Street, S.W.
		1890 Dec. 2.	*MARTINEAU, HOWARD .. ..	4 South Road, Clapham Park, S.W.
		1893 Mar. 7.	*MARTIN-LEAKE, RICHARD ..	Marshalls, Ware, Herts.
		1888 Dec. 4.	*MARTIN-LEAKE, STEPHEN ..	Marshalls, Ware, Herts.
		1880 Dec. 7.	MARTYN, GEORGE VALENTINE	King, King & Co., Bombay.
		1884 Dec. 2.	*MARWOOD, HORACE RICHARD ..	Govt. Rys., Port of Spain, Trinidad.
		1887 May 3.	MASON, CHARLES .. .. .	Town Hall, Charing Cross, S.W.
		1877 Dec. 4.	*MASON, WILLIAM JOSHUA ..	Holmleigh, The Avenue, Surbiton.
		1881 May 31.	MASSEY, JOHN DUNHAM .. ..	Broad Street House, E.C.
		1888 Apr. 10.	MASSIE, FRANK .. .. .	Tetley Ho., Kirkgate, Wakefield.
		1884 Feb. 5.	MASTERMAN, CHARLES EDWARD	Greenlees, Northwood, Middlesex.
		1886 Feb. 2.	MASTERTON, HENRY .. .. .	111 Bontport St., Barnstaple.
		1896 May 5.	MATHER, SAMUEL .. .. .	Victoria Road, Surbiton.
✠		1883 Mar. 6.	MATHESON, HENRY CRIFFS ..	{ Enfield, Sunny Gardens, Hendon, N.W.
		1892 May 24.	MATHEW, CHARLES .. .. .	District Council, Woodford Green.
		1867 Apr. 2.	MATHEWS, EDWARD DAVIS ..	A. F. Baillie, Dushwood House, E.C.
		1893 Jan. 10.	MATHEWS, GEORGE SOMERS ..	District Council, Dorking.
		1895 Dec. 3.	{ *MATTHEWS, ARTHUR BRINCKEN, B.A. .. .. . }	13 Victoria Street, S.W.
		1893 Dec. 5.	*MATTHEWS, JAMES NEWSOME ..	9 St. George's Villas, Doncaster.
		1877 Mar. 6.	{ *MATTHEWS, WILLIAM MAC- DONALD .. .. . }	1 Chapel Place, Ramsgate.
		1888 May 1.	*MATTOES, ALVARO GOMES DE ..	98 Rua da Sando, Rio de Janeiro.
		1894 Mar. 6.	MAULDIN, PAMPLIN JOHN ..	125 Boleyn Rd., Upton, West Ham, E.
		1895 Jan. 8.	MAYOR, HENRY ALEXANDER ..	57 West Nile Street, Glasgow.
		1884 Dec. 2.	MAYOR, PERCY WILLIAM ..	Linares, Spain.
		1885 Dec. 1.	MAWBEY, ENOCH GEORGE ..	Borough Surveyor, Leicester.
		1894 May 22.	MAWSON, MATTHEW .. .. .	5 Park Place, Greenwich, S.E.
		1885 Apr. 14.	*MAXTED, GEORGE VINCENT ..	6 Church Mount, Sutton-on-Hull.
		1889 Apr. 2.	*MAY, CHARLES ERSKINE .. ..	P.W.D., Perth, W. Australia.
		1885 Mar. 3.	*MAY, CHARLES RAMSDEN ..	Orwell Lodge, Erith, Kent.
		1876 Mar. 7.	MAY, JAMES GEORGE .. .. .	12 Blandford Square, N.W.
		1892 May 3.	*MAY, JOHN .. .. .	10 Granville Park, Lewisham, S.E.
		1883 Apr. 3.	MAY, OLIVER .. .. .	38 Castle Street, Canterbury.
		1879 Dec. 2.	MAY, THOMAS .. .. .	Gas and Waterworks, Canterbury.
		1884 May 27.	MAY, THOMAS, JUN. .. .. .	Gasworks, Richmond, Surrey.

Date of Election.		ASSOCIATE MEMBERS.	
1893 Dec. 5.	MAY, WALTER, <i>Eng.</i> R.N. ..	J. E. Hodgkin, Childwall, Rich-	
1890 Jan. 14.	*MAY, WALTER EDWARD ..	L. & N. W. Ry., Crewe. [mond, S.W.	
1866 Mar. 6.	{MAYER, EDWARD ADOLPHUS FENWICK .. .. .}		
1893 Jan. 10.	*MAYES, ARTHUR ERNEST ..	P. W. D., Avisawella, Ceylon.	
1889 Dec. 3.	MAYLOR, WILLIAM, Jun. ..	Calicut, Malabar Coast, India.	
1890 May 6.	{*MAYNARD, JOHN CLARKSON PHILLIPS .. .. .}	G.I.P. Ry., Bombay.	
1894 Dec. 4.	*MAYNE, CHARLES .. .. .	Municipal Office, Shanghai.	
1893 Jan. 10.	MEABY, MICHAEL CHARLES ..	St. Luke's Vestry Hall, City Rd., E.C.	
1876 Jan. 11.	MEAD, ARTHUR .. .. .	1 Florence Vils., Grange Pk. Rd., Ley-	
1886 Dec. 7.	MEAD, FRANK .. .. .	Devon Lodge, Sutton, Surrey. [ton, E.	
1871 Mar. 7.	MEAGHER, JAMES JOSEPH ..	St. Lucia, West Indies. [E.C.	
1896 Feb. 4.	MEDLICOTT, JOHN HENRY ..	Macfadyen & Co., Winchester House,	
1890 Dec. 2.	MEE, GEORGE HENRY .. ..	Indian Midland Ry., Bina, C. P.,	
1883 May 29.	MEILBEK, JOSEPH .. .. .	13 Victoria Street, S.W. [India.	
1894 Mar. 6.	{*MEISCHKE-SMITH, WILLIAM, M.Sc. .. .. .}	46 Middenlaan, Plantage, Amsterdam	
1886 May 4.	MELDRUM, JAMES .. .. .	National Bank, Musselburgh, N.B.	
1888 Feb. 7.	{MELHUSH, THOMAS WALTER WARREN .. .. .}	I. Schenkenstrasse 10, Vienna.	
1893 May 16.	{MELLOR, THOMAS EDWARD WHEATLEY .. .. .}	Boro' Engineer, Tunbridge Wells.	
1894 Feb. 6.	{MELVILL, EDWARD HARKER VINTCENT .. .. .}	Box 719, Johannesburg, Transvaal.	
1895 May 21.	MENDONCA, BIANOR SILVANO DE	{Carlos Wigg, 70 Rua do General Camara, Rio de Janeiro.	
1882 May 2.	*MENNEER, RICHARD ROBERT ..	P.W.D., Western Nara, Sind, India.	
1874 Feb. 3.	MENZIES, JOHN .. .. .	Menai Bank Carnarvon.	
1883 Dec. 4.	*MERCER, GEORGE BARKER ..	{38 Chatham St., Liverpool. (Arrenpee, Liverpool.)	
1889 Dec. 3.	MERCER, WILLIAM ALEXANDER	Bewick, Moreing & Co., Broad St. Ho.,	
1893 May 2.	MERCIECA, VINCENTO .. ..	Vescovo S. Valletta, Malta. [E.C.	
1891 May 5.	MEREDITH, WILLIAM MAXSE ..	19 Pembridge Crescent, W.	
1895 Dec. 3.	{*MERRY DEL VAL Y ZULUETA, DOMINGO .. .. .}	21 Devonshire Place, W.	
1891 Apr. 7.	MESSENGER, THOMAS .. ..	Paris House, Snargate Street, Dover.	
1888 Mar. 6.	*MESSENT, PHILIP GLYNN ..	Port Trust, Bombay.	
1895 Apr. 2.	{MESSER, WILLIAM ALFRED SABINE .. .. .}	Melrose, Eltham Road, Lee.	
1892 Feb. 2.	METCALF, JOHN WILLIAM ..	Town Surveyor, Newmarket.	
1888 May 15.	*METCALFE, ARTHUR WHARTON	Bank Bldgs., Corn Street, Bristol.	
1885 Mar. 3.	{METCALFE, Sir CHARLES HER- BERT THEOPHILUS, Bart. ..}	Sir Douglas Fox, 28 Victoria Street, S.W.	
1892 Dec. 6.	METCALFE, HENRY HULBERT	{St. Mary's Road, Ponsonby, Auck- land, N.Z.	
1884 Feb. 5.	METHVEN, JOHN .. .. .	Gas L. & Coke Co., Beckton, E.	
1880 May 4.	*MICHELL, THEOPHILUS .. ..	King, King & Co., Bombay.	
1881 Dec. 6.	*MICHELL, WILLIAM .. .. .	H. S. King & Co., 45 Pall Mall, S.W.	
1889 Jan. 8.	*MIDDLEMIST, HENRY WARD ..	Graveley, Stevenage, Herts.	
1892 Feb. 2.	MIDDLETON, RICHARD HENRY	Borough Engineer, Walsall.	
1892 Dec. 6.	MILBOURNE, ROBERT JOHN ..	325 Hunslet Road, Leeds.	
1893 Mar. 7.	*MILDRED, CHARLES .. .. .	P.W.D., Nellore, Madras.	
1896 Feb. 4.	*MILES, HARRY POWELL .. ..	Midland Ry., Elsecar, Barnsley.	
1892 Dec. 6.	MILLER, ERNEST .. .. .	City Surveyor's Office, Manchester.	
1887 Mar. 1.	*MILLER, FREDERICK FRASER ..	Penn. Bridge Co., Beaverfalls, Pa., U.S.	
1893 May 2.	MILLER, HARRY WILLIAM ..	Box 1366, Johannesburg, Transvaal.	
1883 Feb. 6.	MILLER, HENRY .. .. .	Surveyor, Felling, co. Durham. [pool.	
1892 Dec. 6.	*MILLER, HENRY MORLEY ..	3 Grassendale Rd., Cressington, Liver-	
1892 Mar. 1.	MILLER, HERBERT WOODVILLE	2 York Mansions, Earl's Court, S.W.	
1894 Dec. 4.	MILLER, JOHN EZRA .. .. .	County Engineer's Office, Durham.	
1892 Dec. 6.	*MILLER, ROBERT FAULDS ..	10 Windsor Terrace West, Glasgow.	
1885 Dec. 1.	*MILLER, THOMAS LODWICK ..	7 Tower Bldgs. N., Water St., L'pool.	



Date of  
Election.

## ASSOCIATE MEMBERS.

1894 May 1.	*MILLER, WILLIAM AKERMAN ..	P.W.D., Black River, Jamaica.
1881 Dec. 6.	MILLHOUSE, WILLIAM .. ..	Corporation Waterworks, Scarborough.
1896 May 5.	MILLING, HUGH .. ..	4 Castle Ter., Malahide, co. Dublin.
1894 Dec. 4.	*MILLINGTON, JOHN STOTT ..	75 Middle St., South Driffeld, Yorks.
1895 May 21.	MILLNER, WILLIAM JAMES ..	D.P.W., Sydney, N.S.W.
1890 Apr. 1.	MILLS, ARTHUR EDWIN .. ..	Marietta, Sandycove, co. Dublin.
1893 Dec. 5.	MILLS, CHARLES WALTER ..	Eng.'s Office, Highland Ry., Inver-
1892 Dec. 6.	*MILLS, GEORGE PILKINGTON ..	Cairnduna, Beeston, Notts. [ness.
1885 Dec. 1.	*MILLS, JOHN CHARLES .. ..	King, King & Co., Bombay.
1884 Feb. 5.	{*MILLS, WILLIAM BERTON}	L. C. & D. Ry., Swanley.
	{SAVILLE .. ..}	
1894 Dec. 4.	MILNER, CHARLES SIDDALL ..	1 Pimlico Road, S.W.
1870 Apr. 5.	MILNER, HENRY ERNEST ..	{Dulwich Wood, Norwood, S.E.
		{(Paysagiste, London.)
1888 Dec. 4.	*MILNES, GEORGE PERCIVAL ..	Town Surveyor, Stroud, Glos.
1882 Dec. 5.	MINAMI, KIYOSHI .. ..	Sanyo Ry., Hiogo, Japan.
1896 May 19.	{*MINCHIN, HUMPHREY ALEX-}	Assistant Sanitary Eng. to Govt.,
	{ANDER .. ..}	Trichinopoly, Madras.
1881 Apr. 5.	MINCHIN, JOHN BIRCH .. ..	J. D. Campbell & Co., Taona, Chili.
1893 Jan. 10.	MITCHELL, ERNEST HERBERT ..	E. Appleby, London Works, Leicester.
1889 Jan. 8.	*MITCHELL, HUGH McPHERSON	G. I. P. Ry., Khandwa, C.P., India.
1886 Feb. 2.	MITCHELL, THOMAS .. ..	Calcutta.
1888 May 15.	{MITCHELL, THOMAS WILFRED}	Mining Offices, Eldon St., Barnsley.
	{HOWE .. ..}	
1891 Jan. 13.	MITCHESON, PERCY EDWARD ..	Durban, Natal.
1895 Mar. 5.	MITRA, RAJESVARA, B.A. ..	P.W.D., Raipur, C.P., India.
1882 Dec. 5.	MITRE Y VEDIA, EMILIO ..	Buenos Ayres.
1896 Apr. 14.	{MITTELHAUSEN, CHARLES}	10 St. John's Park, Blackheath, S.E.
	{JULIUS ALFRED .. ..}	
1896 May 19.	MITTON, ARTHUR DURY ..	Bridgewater Office, Walkden, Bolton.
1883 May 29.	{MOLECEY, CHARLES SIMPSON}	Nelson's Wharf, Lambeth, S.E.
	{TWIGGE .. ..}	
1891 Dec. 1.	{MOLESWORTH, ROBERT BRIDGES}	34 Victoria Street, S.W.
	{M.A. .. ..}	
1881 May 31.	MOLINE, WILLIAM .. ..	19 The Avenue, Clifton, Bristol.
1895 Dec. 3.	MOLLOY, HARRY JAMES .. ..	P.W.D., Mysore, India.
1883 Feb. 6.	MOLONY, JOHN SPORAN, M.E.	3532 Washington Av., St. Louis, U.S.
1893 Feb. 7.	MONASHI, JOHN, M.C.E. .. ..	49 Elizabeth St., Melbourne, Victoria.
1890 May 6.	MONCKTON, CLAUD .. ..	Croxley Green, Rickmansworth.
1880 May 4.	*MONCKTON, MARMADUKE JOHN	11, S. King & Co., 65 Cornhill, E.C.
t ✚ 1890 May 6.	MONCRIEFF, JOHN MITCHELL ..	{2 St. Nicholas Bldgs., Newcastle-on-
		{Tyne.
1894 Dec. 4.	*MONCUR, GEORGE, B.Sc. .. ..	31 Roslea Drive, Dennistoun, Glasgow.
1886 Feb. 2.	MONCUR, JAMES .. ..	Chief Surveyor of Roads, Stafford.
1893 Dec. 5.	MONCUR, JOHN WILLIAM ..	Burgh Surveyor, Paisley, N.B.
m ✚ 1888 Feb. 7.	*MONEY, ROBERT JARRATT ..	Bank of England, Hull.
1894 Mar. 6.	{*MONIER-WILLIAMS, OUTRAM}	T. Stewart, 6 St. George's Chambers,
	{FAITHFULL .. ..}	Cape Town, C.C.
1892 Apr. 5.	MONIES, ALFRED .. ..	Grindlay & Co., Calcutta.
1894 May 22.	{MONKHOUSE, EDWARD WYND-}	5 Athole Crescent, Edinburgh.
	{HAM, M.A. .. ..}	
1896 May 5.	MONKHOUSE, HAROLD JOHN	{Aguas Corrientes, Canelones, Monte
		{Video.
1866 Feb. 6.	MONSON, EDWARD .. ..	St. James' Place, Garlick Hill, E.C.
1882 Feb. 7.	*MONSON, GEORGE JOHN .. ..	Surveyor's Office, Wellington, Salop.
1886 Apr. 6.	MONSON, HENRY .. ..	Vestry Hall, Piccadilly, W.
1892 Mar. 1.	*MONTEATH, KENNETH McLAURIN	The Broich, Crief, N.B.
1889 Dec. 3.	MOOREJEE, ATUL KRISHNA, B.C.E.	District Eng., Dinagapore, Bengal.
1895 Dec. 3.	*MOON, EDWIN JOHN .. ..	165 Camberwell New Road, S.E.
1876 Mar. 7.	*MOORE, ALEXANDER WILLIAM	G. W. Ry., Bristol.
1891 May 5.	*MOORE, ARTHUR MEYRICK ..	Beira Ry., Beira, East Africa.
1894 May 1.	*MOORE, ARTHUR PILCHER FORD	Stanley House, Windsor.
1894 May 1.	MOORE, CHARLES ELLIOTT, B.E.	Box 2446, Johannesburg, Transvaal.

Date of Election.		ASSOCIATE MEMBERS.	
1887 Mar.	1.	MOORE, CUNINGHAM WILSON	
1886 Dec.	7.	*MOORE, EDWIN HENRY .. ..	37 Old Queen St., Westminster, S.W.
1894 May	1.	{ MOORE, ERNEST SHERWOOD WOOLLARD .. ..	Electric Construction Corporation Wolverhampton.
1895 Apr.	2.	*MOORE, GODFREY WILSON ..	{ M. S. & L. Ry., 12 Talbot Lane Leicester.
1891 Dec.	1.	*MOORE, KENTISH .. ..	Box 7, Johannesburg, Transvaal.
1888 Mar.	6.	MOORE, WILLIAM JAMES PERRY	{ Worthington Co., 153 Queen Victoria St., E.C.
1891 Dec.	1.	{ MOORHEAD, ROBERT BRADSHAW, B.E. .. ..	British Post Office, Shanghai China.
✠ 1886 Mar.	2.	MORE, JAMES, JUN. .. ..	49 Orlando Rd., Clapham, S.W.
1892 Feb.	2.	MORGAN, ARTHUR HENRY ..	Kyat-Pyin, Ruby Mines, Burma.
1890 Feb.	4.	MORGAN, JAMES .. ..	City Engineer's Office, Liverpool.
1889 Dec.	3.	MORGAN, WILLIAM BARLOW ..	3 St. Leonard's Terrace, Weymouth
1889 Dec.	3.	{ *MORIARTY, HENRY ALLASTER ORPEN .. ..	Roscrea Priory, Goulburn, N.S.W.
1889 Mar.	5.	*MORLEY, JOHN GEORGE .. ..	Town Hall, West Ham, E.
1891 Dec.	1.	{ MORONY, HENRY VEREKER LLOYD, B.E. .. ..	Harbour Engineer, Limerick.
1883 Feb.	6.	MORRIS, EDMUND LEGH .. ..	New River Wks., Finsbury Pk., N.
1889 Dec.	3.	*MORRIS, FRANCIS SANDERS ..	4 Trafalgar Square, W.C.
1894 Dec.	4.	MORRIS, GEORGE EDWIN ..	{ District Council, Cowbridge, Glamor gan.
1889 Dec.	3.	MORRIS, PERCY MACDONALD ..	18 Palace Grove, Bromley, Kent.
1888 May	15.	*MORRIS, WILLIAM ROBERT ..	29 Eccleston St., Pimlico, S.W.
1894 May	22.	*MORRIS, WILLIAM VANE .. ..	30 Salisbury Road, Bexley, Kent.
1887 May	24.	*MORSE, AMYAS .. ..	N. W. Ry., Lahore, India.
1892 Mar.	1.	MORTON, DAVID HONE .. ..	95 Bath Street, Glasgow.
1894 Dec.	4.	*MORTON, HUGH JAMES .. ..	Ardbeg, Cambuslang, Glasgow.
1894 Dec.	4.	MORTON, OSWALD GORDON ..	Roads Dept., Newcastle, N.S.W.
1890 Mar.	4.	*MOSS, HENRY ALLAN .. ..	H. S. King & Co., 65 Cornhill, E.C.
1879 Feb.	4.	MOSSALLEH, M. LAKEEB .. ..	Cairo, Egypt.
1892 Dec.	6.	{ MOULD, GEORGE ALEXANDER HUTCHINGS .. ..	P.W.D., Kingston, Jamaica.
1894 Dec.	4.	MOULDING, THOMAS .. ..	Surveyor's Office, Egremont.
1877 May	1.	MOULLIN, ARTHUR DANIEL ..	Firmain, Parkstone, Dorset.
1894 Feb.	6.	*MOUNT, JOHN CHAPMAN .. ..	Town Hall, Lancaster.
1893 Jan.	10.	MOUNTAIN, ARTHUR HENRY ..	Withington, near Manchester.
1877 Mar.	6.	*MOYLE, SAMUEL .. ..	33 Great George Street, S.W.
1891 Dec.	1.	MUDIE, JAMES ROBERT .. ..	P.W.D., Hong Kong.
1889 Feb.	5.	*MUIR, EDWARD LESLIE ROBERT	Eng.'s Office, Midland Ry., Derby.
1896 Feb.	4.	MUIRHEAD, WILLIAM .. ..	Cloverhill, Maryhill, N.B.
1890 Dec.	2.	MULLER, JOHAN VIGGO SIGVALD	Newquay, Cornwall.
1886 Feb.	2.	*MULLIGAN, THOMAS NORTH ..	1 Vico Ter., Dalkey, co. Dublin.
1885 Feb.	3.	MUNFORD, ARTHUR GEORGE ..	Colchester.
1885 May	19.	MUNCE, JAMES .. ..	City Surveyor's Office, Belfast.
m 1872 May	7.	*MUNDAY, HENRY THOMAS ..	County Council, Spring Gdns., S.W.
1890 Dec.	2.	MUNN, ROBERT ANDREW ..	{ Donald Currie & Co., 40 St. Enoch Square, Glasgow.
1894 Jan.	9.	{ MUNRO, JOHN MACINTOSH MACKAY .. ..	136 Bothwell Street, Glasgow.
1894 Dec.	4.	MURAKAMI, KIYOICHI .. ..	Tikulo Ry., Fukuoka-ken, Japan.
1892 Mar.	1.	MURCOTT, DANIEL .. ..	G.P.O., Perth, Western Australia.
1867 May	7.	MURDOCH, GEORGE BROWN ..	Melville Villa, Eskbank, N.B.
1889 Dec.	3.	MURGATROYD, SAMUEL LEES ..	M. S. & L. Ry., Retford, Notts.
1871 Dec.	5.	MURPHY, PHILIP EDWARD ..	361 High Rd., South Tottenham, N
1890 Jan.	14.	*MURRAY, CHARLES .. ..	Box 1429, Johannesburg, Transvaal
1895 Jan.	8.	*MURRAY, GEORGE THOMAS ..	Survey Dept., Wanganui, N.Z.
1883 Feb.	6.	MURRAY, JOHN .. ..	Curityba, Parana, Brazil.
1890 Apr.	1.	MURRAY, STEWART BINNY ..	Cuddapah, Madras.
1886 Dec.	7.	*MUSGRAVE, JAMES .. ..	{ Rosario Ry., Av. de Mayo 748 Buenos Ayres.

Date of  
Election.

## ASSOCIATE MEMBERS.

1881 May	3.	MYALL, AMBROSE AUGUSTUS ..	2 Lancaster Pl., W.C. (Ipra), London.
1887 Mar.	1.	MYLNE, HENRY CHARLES ..	28 Victoria Street, S.W.
1890 Mar.	4.	MYRES, JOHN JAMES .. ..	15 Chapel Street, Preston.
1891 Mar.	3.	*NAPIER, ARCHIBALD SCOTT ..	King, King & Co., Bombay.
1888 Jan.	10.	{ *NAPIER, Hon. EDWARD HERBERT SCOTT .. .. . }	Hampton Court Palace.
1896 Mar.	3.	NAPIER, GEORGE .. .. .	H.M. D'kyard, Keyham, Devonport.
1890 Dec.	2.	NARDIN, ERNEST ANTHONY ..	44 Fitzroy St., North Sydney, N.S.W.
1887 Dec.	6.	NASH, ALFRED GEORGE, B.Sc.	Greenvale House, Milo Gully P.O.,
1895 Mar.	5.	NASH, RICHARD WILKINSON ..	18 Parliament St., S.W. [Jamaica.
1893 Dec.	5.	NATH, BISHAMBAR .. .. .	P.W.D., Punjab.
1884 May	27.	NATHAN, BENJAMIN ARTHUR ..	Santafiora, Grosseto, Italy.
1893 Dec.	5.	*NATHAN, FRANK EDWARD BERRA	20 Bucklersbury, E.C.
✠ 1892 Dec.	6.	NAYLOR, WILLIAM .. .. .	16 Walton's Parade, Preston.
1878 Feb.	5.	*NEAL, HERBERT .. .. .	The Hill, Laverstock, Salisbury.
1889 Jan.	8.	NEALL, FRANK FEARNE .. ..	88 Lower Addiscombe Rd., Croydon.
1895 Dec.	3.	*NELSON, GEORGE .. .. .	43 Western Hill, Durham.
1885 May	5.	NELSON, HENRY .. .. .	13 Cornfield Terrace, Eastbourne.
1896 Jan.	14.	NETO, JOSEPH GOMES .. ..	{ E. B. S. Benest, Caixa 403, Rio de Janeiro.
1891 May	5.	NETTLETON, HUGH .. .. .	Town Hall, Weston-super-Mare.
1888 Dec.	4.	*NEVILL, PERCY .. .. .	Harbour Works, Douglas, I. of Man.
1891 May	12.	NEVINS, HUBERT PENROSE ..	Water Dept., Melbourne, Victoria.
1894 May	22.	NEWBIGGING, JOHN GIBSON ..	Gasworks, Macclesfield.
1894 Jan.	9.	NEWBIGGING, WILLIAM .. ..	5 Norfolk Street, Manchester.
1892 Dec.	6.	*NEWDIGATE, EDWARD .. ..	27 Clarendon Square, Leamington.
1889 Feb.	5.	*NEWELL, THOMAS MONK .. ..	Dock Office, Hull.
1882 Dec.	5.	NEWHAM, WILLIAM EDWARD ..	King, King & Co., Bombay.
1894 May	22.	NEWINGTON, FRANK ALFRED ..	11 Millbank St., Westminster, S.W.
1895 Dec.	3.	NEWLANDS, ALEXANDER .. ..	Highland Ry., Ploekton, N.B.
m ✠ 1874 May	12.	*NEWMAN, JOHN .. .. .	2 Logan Vils., Bath Rd., Hounslow.
1890 May	6.	NEWMAN, JOHN THOMAS .. ..	{ 3 Callingham Villas, Wolsey Road, Esher.
1893 May	16.	*NEWMAN, REGINALD WILLIAM	John Aird & Sons, Boxmoor, Herts.
1891 May	5.	*NEWMARCH, HERBERT SMALES	Assam-Bengal Ry., Hatlong, Cachar,
1892 Feb.	2.	*NEWMARCH, LEONARD JOHN ..	Govt. Rys., Tientsin, China. [India.
1891 Dec.	1.	NEWSON, FREDERIC WALTER ..	Sierra Leone Ry., Freetown, West Africa.
1893 May	2.	NEWTON, ARTHUR EDGAR .. ..	Roads & Bridges Dept., Forbes, N.S.W.
1880 Apr.	6.	{ NEWTON, ALFRED HOWARD VINCENT .. .. . }	Newton & Son, 6 Bream's Buildings, Chancery Lane, W.C.
1894 Feb.	6.	{ NEWTON, CHARLES BUTTERWORTH .. .. . }	Gasworks, Carlisle.
1871 May	23.	NEWTON, JOSEPH .. .. .	201 Norwood Road, Herne Hill, S.E.
1868 May	5.	NEWTON, SAMUEL BARTON .. ..	Bhowallee, Naini Tal, N.W.P., India.
1885 Dec.	1.	*NEWTON, WILLIAM GYLICH ..	P.W.D., Rangoon, Burma.
1887 May	24.	NEWTON, WILLIAM JOSEPH .. ..	Boro' Surveyor, Acreington.
1877 Feb.	6.	NICE, ALFRED SLATER .. .. .	Carlton Hall, nr. Newmarket.
1888 Feb.	7.	*NICHOLL, ARTHUR EDWARD ..	The Rectory, Streatham, S.W.
1890 Dec.	2.	*NICHOLS, ALBERT EDWARD ..	Boro' Eng.'s Office, Leeds.
1886 Dec.	7.	NICHOLS, HARRY BERTRAM ..	{ Grosvenor Chams., Corporation St., Birmingham.
1888 Apr.	10.	*NICHOLSON, GEORGE TAYLOR ..	The Terrace, Roker, Sunderland.
1890 Dec.	1.	NICHOLSON, WALTER SERY .. ..	30 Great George St., S.W.
1887 May	3.	NICOL, ROBERT GORDON .. ..	Harbour Eng.'s Office, Aberdeen.
1893 Dec.	5.	*NICOLLS, ARTHUR OLIVER ..	{ Gt. Southern Ry., Albany, Western Australia.
1888 Dec.	4.	NISBET, THOMAS .. .. .	Public Works Office, Glasgow.
1872 Dec.	3.	*NOAD, WELLESLEY INNES .. ..	District Eng., De Aar, Cape Colony.
1888 Jan.	10.	NORDENFELT, PETER .. .. .	Rue Auber 8, Paris.
1879 Feb.	4.	NORFOR, ROBERT EDWARD .. ..	Messrs. Binny & Co., Madras.

Date of Election.		ASSOCIATE MEMBERS.	
1886 Apr. 6.	NORMAN, WALTER .. ..	Vulcan Foundry, Newton-le-Willows.	
1881 Apr. 5.	NORMANVILLE, WILLIAM DE ..	Boro' Eng., Town Hall, Leamington.	
1890 Dec. 2.	NORRINGTON, JAMES PALMER ..	Vestry Hall, Kennington Green, S.E.	
1885 Feb. 3.	*NORTH, JOHN .. ..	Oakley House, near Scole, Norfolk.	
1892 May 3.	*NORTH, MAJORIBANKS KEPPEL	P.W.D., Georgetown, British Guiana.	
1894 Dec. 4.	*NORTON, ARTHUR .. ..	York Engineering Co., York.	
1892 Dec. 6.	*NORTON, WILLIAM BARRON ..	City Surveyor's Office, Manchester.	
1894 Jan. 9.	*NOWLAN, JOHN .. ..	Riber, Auckland Hill, West Norwood.	
1893 May 2.	NOWROJI, HORMUSJI, B.C.E. ..	Asst. Sanitary Eng. to Govt., Madras.	
1876 Feb. 1.	NUBAR, BOGHOS, <i>Bey</i> .. ..	{Ing. des Arts et Manufactures, Alexandria.	
1887 May 24.	*NUNN, FRANCIS CRUMPTON ..	Eastnor, Sydenham Hill, S.E.	
1896 May 19.	NUTTALL, EDMUND ... ..	{The Ash, Seymour Grove, Man- chester.	
1872 May 7.	NUTTALL, THOMAS .. ..	20 Market Street, Bury, Lancashire.	
1888 Apr. 10.	*NYE, WILLIAM THOMAS .. ..	Gaswks., Rockhampton, Queensland.	
1885 May 5.	{OAKES, <i>Sir</i> REGINALD LOUIS, Bart. .. ..	{Soc. Anonyme La Métallurgique, 1 Place de Louvain, Brussels.	
1887 May 3.	{*OAKLEY, ALGERNON SEYMOUR BERNARD .. ..	Barrington Grove, Burford, Oxon.	
1896 Feb. 4.	*OAKLEY, ERNEST JOHN .. ..	{India General Steam Navigation Co., Chandpur, Tipperah, India.	
1894 Dec. 4.	OAKLEY, RICHARD NEWCOMBE ..	Mocambique Co., Beira, East Africa.	
1892 Apr. 5.	O'CONNOR, HENRY .. ..	Milne & Son, Milton House Works,	
1880 May 25.	*ODDIE, HENRY JAMES .. ..	Aston, Stevenage, Herts. [Edinburgh.	
1873 Mar. 4.	*ODLING, FRANCIS JAMES ..	Box 314, G.P.O., Melbourne, Victoria.	
1894 Dec. 4.	O'DONNELL, JAMES IGNATIUS ..	Glencar, Eglinton Road, Dublin.	
1887 Mar. 1.	O'DRISCOLL, FLORENCE .. ..	15 Victoria Street, S.W.	
1889 Jan. 8.	*OERTEL, FRED. OSCAR .. ..	Allahabad, India.	
1877 Mar. 6.	OGILVIE, ARTHUR GRAEME, B.A.	4 Great George Street, S.W.	
1886 Jan. 12.	*OGILVIE, GEORGE TOD .. ..	Pension Antonio, Helouan, nr. Cairo.	
1880 Dec. 7.	{*OGILVIE, ROBERT CHARLES FREDERICK .. ..	Broad St. House, New Broad St., E.C.	
1859 Jan. 11.	OHREN, MAGNUS .. ..	4 Garlies Rd., Forest Hill, S.E.	
1892 Dec. 6.	OKE, FRANCIS ROBERT .. ..	5 Coppenthall Terrace, Crewe.	
1865 Apr. 4.	OKES, JOHN CHARLES RAYMOND	{63 Queen Victoria St., E.C. (Oak- tree, London.)	
1894 Dec. 4.	OKURA, KUMEMA .. ..	Okura & Co., Ginza, Tokio, Japan.	
1875 Feb. 2.	OLANDER, EDMUND .. ..	G.W.Ry., Eng.'s Off., Paddington, W.	
1887 Dec. 6.	*OLD, TRENHAM .. ..	Bay Rd., St. Leonards, Sydney, N.S.W.	
1889 May 21.	OLDFIELD, DAVID .. ..	Bloemfontein, Orange Free State.	
1895 Dec. 3.	OLDHAM, RICHARD SOULBY ..	67 Mansel Terrace, Swansea.	
1894 Dec. 4.	OLIVE, LEONTINE WALLACE, M.A.	Ficksburg, Orange Free State.	
1894 Dec. 4.	OLIVEIRA, MANOEL DA SILVA ..	{E. de F. Central, 160 Rua Goyar, Rio de Janeiro.	
1893 Dec. 5.	OLIVER, ALFRED MARK .. ..	Rua D. Castorina 42, Rio de Janeiro.	
1889 Mar. 5.	OLIVER, CALDER EDKINS, M.C.E.	Board of Works, Melbourne, Victoria.	
1889 Dec. 3.	OLIVER, CHARLES DEANE, B.E.	Rockmill Lodge, Mallow, co. Cork.	
1893 May 2.	OLIVER, GILBERT THOMAS INGLIS	Thos. Cook & Son, Rangoon, Burma.	
1881 Dec. 6.	OLIVER, ROBERT STEWART ..	19 Ness Bank, Inverness.	
1865 Apr. 4.	OLIVER, THOMAS .. ..	Horsham.	
1895 Apr. 2.	*OLLEY, CHARLES HENRY ..	Stapleton Place, Dundalk.	
1885 Apr. 14.	OLLIS, WILLIAM BAKER ..	151 Station St., Burton-on-Trent.	
1881 Dec. 6.	OLSEN, HANS BLOM .. ..	{Havnedirektørens Kontor, Chris- tiania.	
1884 Feb. 5.	*O'NEILL, WILLIAM PERCELL ..	M. G. W. Ry., Broadstone, Dublin.	
1864 Mar. 1.	ONSLow, DOUGLAS ARTHUR ..	5 Upper Richmond Rd., Putney, S.W.	
1893 Mar. 7.	OPENSHAW, JAMES .. ..	City Surveyor's Office, Sheffield.	
1890 Apr. 1.	ORDISH, OWEN .. ..	{A. R. Debnam, Mt. Pleasant, Ply- mouth.	
1892 Mar. 1.	*O'REILLY, FRANCIS JOSEPH ..	Point Ellice, Victoria, B. Columbia.	
1894 Dec. 4.	*ORFORD, HENRY JAMES .. ..	19 Railway Av., Maradana, Ceylon.	

Date of Election.		ASSOCIATE MEMBERS.	
1892 Dec. 6.	ORMEROD, GEORGE HOLT ..	Grindlay & Co., Calcutta.	
1885 Feb. 3.	*ORMEROD, RICHARD OLIVER ..	35 Philbeach Gardens, S.W.	
1890 Mar. 4.	ORR, ADOLPHE ERNEST .. ..	P.W.D., Lahore, Punjab.	
1889 Dec. 3.	ORR, HENRY ADAIR .. ..	Pemberley, Bedford. [Merthyr.	
1887 Dec. 6.	ORTON, FREDERICK .. ..	Cantref Reservoir, Cwm Taff Fawr,	
1890 Dec. 2.	*OSBORN, ASHBY FREDERICK ..	Roads Office, Cowra, N.S.W. [U.S.	
1891 Apr. 7.	OSBORN, FRANK CHITTENDEN	721 Hickox Bldg., Cleveland, Ohio,	
1894 May 22.	O'SHAUGHNESSY, RICHARD GORMAN	Municipality, Bangalore, India.	
1891 May 5.	OSMAN, CHARLES WILLIAM ..	8 Mapperley Park Drive, Nottingham.	
1887 Dec. 6.	*OSMOND, WILLIAM .. ..		
1896 Feb. 4.	O'SULLIVAN, JOHN GABRIEL ..	Municipal Bldgs., Cork Hill, Dublin.	
1892 Dec. 6.	*OSWELL, FRANK .. ..	Snowdon Road, Llanberis.	
1887 Dec. 6.	OTAGAWA, MASAYUKI, M.E. ..	Ashio Mine, Shimotsuke, Japan.	
1885 Apr. 14.	OUGH, HENRY .. ..	84 St. Paul's Churchyard, E.C.	
1890 Dec. 2.	*OUGHTERSON, ARTHUR .. ..	Bridgewater St. Works, Salford.	
1885 Dec. 1.	*OVERTON, FRANK .. ..	99 Upper Addiscombe Rd., Croydon.	
1894 Dec. 4.	OWEN, FRANK .. ..	{Coongan Mine, Marble Bar, via Condon, Western Australia.	
1875 Apr. 6.	*OWEN, JOHN ARTHUR .. ..	Engineer's Off., Trinity House, E.C.	
1868 Jan. 14.	OWEN, THOMAS ELLIS .. ..	104 Midland Road, Bedford.	
1887 Dec. 6.	OWEN, WILLIAM LAMBDEN ..	P.W.D., Perth, Western Australia.	
1874 May 12.	OWER, CHARLES .. ..	104 Commercial Street, Dundee.	
1887 Apr. 5.	*OXTOBY, WILLIAM .. ..	Boro' Surveyor, Ramsgate.	
1891 Dec. 1.	*PADDON, ARTHUR MATTHEWS	9 Victoria Street, S.W.	
1888 Apr. 10.	*PADDON, JOHN FALKNER ..	Gas Co., Hove, Brighton.	
1887 Apr. 5.	*PAGE, EDWARD HENRY .. ..	11 Castle Street, Cardiff.	
1894 Jan. 9.	*PAGE, FRANK WATTS .. ..	14 St. Ann's Square, Manchester.	
1894 Jan. 9.	*PAGE, SYDNEY ELLIOTT, Wh.Sc.	Caxton Works, Otley, Yorks.	
1877 May 29.	PAGE, WILLIAM .. ..	{Cement Works, Jarrow-on-Tyne. (Cement, Jarrow. 2777.)	
1886 Dec. 7.	PALLANT, THOMAS .. ..	Saxtead, Sutton, Surrey.	
1884 Dec. 2.	*PALMER, CHARLES STUART RUSSELL .. ..	Eastern Ry., Darlington, Western Australia.	
1890 Apr. 1.	PALMER, FREDERICK .. ..	E.I. Ry., Calcutta.	
1884 May 6.	PALMER, PHILIP HENRY ..	Boro' Engineer, Town Hall, Hastings.	
1886 Jan. 12.	*PALMER, THOMAS CASSINET ..	98 Commercial Road East, E.	
1895 Dec. 3.	PARDOE, JOSEPH CHARLES ..	The Parade, Barry, Cardiff.	
1887 May 24.	PARK, CHARLES ARCHIBALD ..	Wolverton, Bucks.	
1893 Dec. 5.	{PARK, JAMES HARVEY WIL- LIAMSON, B.Sc. .. ..}	6 Colonial Avenue, Minories, E.	
1891 Mar. 3.	PARKER, CHARLES .. ..	St. George's Club, Hanover Sq., W.	
1889 Dec. 3.	PARKER, EDWARD LEONARD ..	99 Queen St., Melbourne, Victoria.	
1883 May 29.	PARKER, HENRY .. ..	P. W. D., Vilanhumam, Ceylon.	
1890 Dec. 2.	{*PARKER, JAMES ALEXANDER, B.Sc. .. ..}	9 Gt. George St., Hillhead, Glasgow.	
1887 Mar. 1.	PARKER, JOHN .. ..	City Surveyor, Hereford.	
1887 May 24.	PARKER, JOHN .. ..	42 Dryden St., Nottingham.	
1886 Dec. 7.	PARKER, JOHN EDWARD ..	Lanchester, Durham.	
1884 Feb. 5.	*PARKES, HENRY .. ..	8 Grove Road, Surbiton.	
1873 Apr. 1.	*PARKES, THOMAS FARMER ..	Lambeth Waterworks, Brixton, S.W.	
1888 Feb. 7.	{*PARKHOUSE, ALFRED WILLIAM LONG .. ..}	33 Pepys Road, New Cross, S.E.	
1891 Mar. 3.	PARKIN, FREDERIC WILLIAM ..	{Springfield, Liversedge, Yorks. (Parkin, Hightown, Yorks.)	
m + 1889 May 7.	*PARKIN, JOHN HENRY .. ..	Corporation Office, Cambridge.	
1892 Apr. 5.	PARKIN, JOHN ROBERT .. ..	Idridgehay, near Derby.	
m 1886 Apr. 6.	{*PARKINSON, HENRY HOLLIN- WORTH .. ..}	Chamwood, Crown Lane, Streatham Common, S.W.	
1884 Apr. 1.	{PARKINSON, HENRY WATER- WORTH .. ..}	Ry. Dept., Brisbane, Queensland.	
1889 Feb. 5.	PARKINSON, JAMES .. ..	50 Station Rd., Turton, Bolton.	

Date of Election.		ASSOCIATE MEMBERS.	
m	✠ 1882 May 2.	*PARKINSON, RICHARD MARION	29 Lincoln Rd. East, Peterborough.
	1893 Dec. 5.	{*PARKMAN, PHILIP GEORGE WILLIAM .. .. .}	Town Hall, Hounslow.
	1892 Dec. 6.	PARLETT, GODFREY BERNARD	{A. Dickinson & Co., 120 Colmore Row, Birmingham.
	1894 Dec. 4.	PARR, FRANCIS .. .. .	Town Hall, Bridgwater, Somerset.
	1886 Apr. 6.	PARRY, HENRY ERNEST .. ..	P.W.D., Bunbury, Westn. Australia.
	1879 Dec. 2.	*PARRY, JOSEPH WILLIAM	31 Beverley Road, Anerley, S.E.
	1892 Apr. 5.	*PARRY, RICHARD .. .. .	27 Great George Street, S.W.
	1894 Jan. 9.	PARRY, W. KAYE, M.A., B.E.	{35 Dame Street, Dublin. (Parry, Dublin. 808.)
C	✠ 1895 Mar. 5.	PARSHALL, HORACE FIELD ..	38 Parliament Street, S.W.
	1879 May 27.	PARSICK, EDMUND ALBERT, B.E.	Municipal Engineer, Howrah, India.
	1888 Jan. 10.	PARSONS, HERBERT JOSIAH ..	Assam-Bengal Ry., Habiganj, Assam.
	1885 Dec. 1.	PARTINGTON, THOMAS .. ..	Rhayader, Rads.
	1894 May 22.	PARTRIDGE, GERALD WILLIAM	25A Cockspur St., Pall Mall, S.W.
	1886 Apr. 6.	*PARTRIDGE, GODFREY BOWEN	40 Thicket Rd., Anerley, S.E.
	1888 Dec. 4.	{PARTRIDGE, WILLIAM ANTHONY MORGAN .. .. .}	King, King & Co., Bombay.
	1892 Feb. 2.	PASSOS, ALEXANDRE PORTELLA	M. F. Gonsalvez, Bahia, Brazil.
	1889 Mar. 5.	PATCHELL, WILLIAM HENRY ..	12 Maiden Lane, Covent Garden, W.C.
	1890 Dec. 2.	PATERSON, JAMES DONALD ..	L. C. & D. Ry., Steam Packet Yard,
	1879 Dec. 2.	PATERSON, JOHN .. .. .	Fort William, N.B. [Dover.
	1893 Jan. 10.	PATERSON, MATTHEW .. ..	61 Forest Road, Loughborough.
	1892 Jan. 12.	PATERSON, WALTER SAUNDERS	{Burma-Bombay Trading Corpora- tion, Rangoon, Burma.
	1895 Apr. 2.	PATERSON, WILLIAM ALEXANDER	Eng.'s Office, General Station, Perth.
	1887 Mar. 1.	*PATON, JOHN .. .. .	299 Shields Road, Glasgow.
	1867 Dec. 3.	PATTERSON, EDWARD CHARLES	103 Church Rd., Upper Norwood, S.E.
	1885 Dec. 1.	PATTINSON, JOHN SHIELD ..	136 Fellows Rd., Hampstead, N.W.
	1875 Feb. 2.	PATTISON, FREDERICK .. ..	8 Gray's Inn Square, W.C.
	1885 May 5.	PATTRICK, CHARLES BEAUFY	Box 1179, Johannesburg, Transvaal.
	1887 Dec. 6.	PAUL, ANDREW LOUIS .. ..	
	1890 Mar. 4.	*PAULING, HAROLD WILLIAM	Vryburg, British Bechuanaland.
	1884 May 6.	{PAULING, HENRY RICHARD CLARKE .. .. .}	28 Victoria Street, S.W.
	1889 Dec. 3.	*PAWLEY, FRANCIS ADOLPHUS ..	Madras Ry., Madras.
✠	1875 May 4.	PAXMAN, JAMES NOAH .. ..	Colchester. (Paxman, Colchester.)
	1892 Dec. 6.	*PAXON, HAROLD CHARLES ..	Kwala Lumpor, Selangore, S.S.
	1894 Dec. 4.	PAYNE, PERCY MARIOTT ..	Holmesdale, The Park, Nottingham.
	1886 Feb. 2.	PEACE, ALFRED LINDLEY ..	Thorne, Doncaster.
	1880 May 4.	PEACHE, JAMES COURTHOPE ..	87 East Hill, Colchester.
	1891 Jan. 13.	*PEAKE, ROBERT EDWARD ..	4 Great Winchester Street, E.C.
	1890 Dec. 2.	*PEARCE, ALFRED .. .. .	6 Bonavista Ter., Larne, Ireland.
✠	1871 Apr. 4.	*PEARSALL, HOWARD DEVENISH	16 Willow Road, Hampstead, N.W.
	1895 Dec. 3.	PEARSE, ALEXANDER FRANCIS	{Sewerage Works, P.W.D., Perth, W. Australia.
	1885 Feb. 3.	PEARSON, ALFRED .. .. .	Dukinfield.
	1893 Feb. 7.	PEARSON, JAMES MONTGOMERIE	5 John Dickie St., Kilmarnock, N.B.
	1896 Apr. 14.	PECK, HERBERT EDGAR ..	{Grand Junction Waterworks 65 South Molton St., W.
	1884 Jan. 8.	*PEDLEY, WILLIAM EVERARD ..	South Riverside, California, U.S.
	1876 Mar. 7.	PEEL, WILLIAM .. .. .	Knowlmore Manor, Clitheroe.
	1890 Dec. 2.	*PEGG, HENRY VILLIERS .. ..	The Drift, Ranelagh Rd., Ipswich.
	1873 Feb. 4.	PEGGS, JAMES WALLACE ..	21 Queen Anne's Gate, S.W.
	1896 May 19.	PEIRCE, ARTHUR .. .. .	Asst. Eng., Corporation, Calcutta. [S.S.
	1889 Feb. 5.	*PEIRCE, ROBERT .. .. .	Town Hall, George Town, Penang
	1887 Apr. 5.	*PELLEREAU, HENRY ETIENNE	Springfield Ho., Stockbridge, Hants
	1873 Dec. 2.	PEÑA, MANUEL HIPOLITO ..	Girardot Ry., 354 Calle 11, Bogota
	1878 Mar. 5.	*PEÑA, URBANO JOSÉ DE LA ..	3 Recoletos, Madrid. [U.S. Colombia
	1884 Feb. 5.	*PENLINGTON, CHARLES BERKELEY	Apartado 82, Bilbao, Spain.
	1886 Jan. 12.	PENMAN, WILLIAM .. .. .	5 St. Andrew Sq., Edinburgh.
	1890 Jan. 14.	*PENN, HARRY .. .. .	40 Harold Rd., Upper Norwood, S.E.

Date of  
Election.

## ASSOCIATE MEMBERS.

1887 Jan. 11.	*PENNY, ARTHUR ROBERT ..	{ D. Henderson, 164 Calle No. 3, Villa Catalinas, Buenos Ayres.
1880 Dec. 7.	*PENNY, SEPTIMUS .. .. .	{ Grosvenor Ho., Uxbridge. (Penny, Uxbridge.)
1888 Dec. 4.	*PERCEVAL, RICHARD DOUGLAS	Dillon Ho., Downpatrick, co. Down.
1890 Mar. 4.	*PEREIRA, ALFRED CECIL .. ..	1 Pall Mall Place, S.W.
1892 Dec. 6.	PERHAM, THOMAS .. .. .	Marine Dept., Wellington, N.Z.
1885 Jan. 13.	*PERKINS, HUGH FREDERICK ..	41 Half Edge Lane, Eccles, Man-
1892 Dec. 6.	PERKINS, JOHN EDWARD SHARMAN	Park Road, Peterborough. [chester.
1874 May 5.	PERRETT, EDWARD .. .. .	21 Balham Park Road, S.W.
1889 Feb. 5.	*PERROT, SAMUEL DE .. .. .	Neuchâtel, Switzerland.
1895 Feb. 5.	PERROTT, WILLIAM GEORGE, B.E.	Ardilam, Clontarf, co. Dublin.
1889 Dec. 3.	PERRY, ARNOLD HENRY .. ..	Technical Dept., Cairo, Egypt.
1881 Feb. 1.	{ PERRY, Prof. JOHN, M.E., D.Sc., F.R.S. .. .. . }	Technical College, Finsbury, E.C.
† 1886 Dec. 7.	PERRY, THOMAS HOLMES .. ..	Edgmond Hall, Newport, Salop.
1895 Dec. 3.	PERRY, GERRARD HATFIELD	Espérance, Grange, Guernsey.
1895 Feb. 5.	PETERSEN, FREDERIK BENEDIKT	{ Chinese Engineering & Mining Co., Tientsin, China.
1894 Dec. 4.	PETREE, MARSHALL .. .. .	Boro' Engineer, Great Grimsby.
1886 Apr. 6.	{ *PHELIPS, HENRY VIVIAN MAJENDIE .. .. . }	H. S. King & Co., 45 Pall Mall, S.W.
1888 Dec. 4.	PHILIP, WILLIAM MARSHALL ..	Box 431, Johannesburg, Transvaal.
1885 Dec. 1.	PHILLIMORE, JOSEPH .. .. .	Grindlay's, 55 Parliament St., S.W.
1888 Feb. 7.	PHILLIPS, ARTHUR GAVED .. ..	18 Fopstone Rd., Earl's Court, S.W.
1894 Feb. 6.	{ PHILLIPS, CHARLES GEORGE WASHINGTON .. .. . }	South Square, Boston.
1891 Feb. 3.	{ PHILLIPS, ERNEST ALFRED WILLIAM .. .. . }	Grindlay's, 55 Parliament St., S.W.
1891 Dec. 1.	*PHILLIPS, HERBERT .. .. .	Hirokh, Bolan, Beluchistan.
1887 Jan. 11.	PHILLIPS, HERBERT ARTHUR ..	39 Victoria Street, S.W. [S.E.
1872 Feb. 6.	PHILLIPS, JOHN .. .. .	4 Corona Rd., Burnt Ash Hill, Lee, { Fundicion de las Delicias, Apartado 88, Mexico City.
1895 Feb. 5.	PHILLIPS, ROBERT EDWARD ..	70 Chancery Lane, W.C.
1891 Jan. 13.	PICKARD, ALFRED BARNES .. ..	5 Madeira Rd., Streatham, S.W.
1891 Dec. 1.	*PICKERING, JOSEPH SPIERS ..	Council Offices, Nuneaton.
1895 Dec. 3.	PICKLES, GEORGE HENRY .. ..	Boro' Surveyor, Bureley.
1891 Feb. 3.	PIDGEON, JOHN .. .. .	Ry. Dept., Perth, Western Australia.
1896 Feb. 4.	*PIERCE, HUGH, B.A. .. .. .	54 Edleston Road, Crewe.
T t † 1886 Mar. 2.	*PIERCE, JOSIAH, JUD., M.A. ..	1325 Massachusetts Av., Washington,
1891 Feb. 3.	*PIGOTT, FRANCIS JOSEPH .. ..	P.W.D., Colombo, Ceylon. [U.S.
1894 Apr. 3.	PILKINGTON, ARTHUR .. .. .	Madras Ry., Madras.
1895 Dec. 3.	PILKINGTON, HERBERT .. .. .	Ironworks, Wellingborough.
1883 Feb. 6.	*PILKINGTON, OLIVER STAINTON	Church Walks, Llandudno.
1881 Mar. 1.	PILLOW, EDWARD .. .. .	Shirehall, Norwich.
1896 Feb. 4.	*PINCOMBE, WILLIAM EDWIN ..	East Indian Ry., Calcutta.
1880 Mar. 2.	*PINE, ARTHUR CHILLEY .. ..	97 St. Mark's Rd., Notting Hill, W.
1879 Feb. 4.	PIPE, SAMUEL MATTHEW .. ..	13 West Pier, London Docks, E.
m † 1889 Dec. 3.	*PLATT, JOHN .. .. .	{ 97 Cedar St., New York, U.S. (Terneza, New York.)
1882 Mar. 7.	*PLATT, SAMUEL SYDNEY .. ..	Boro' Surveyor, Rochdale. (165.)
1892 Jan. 12.	PLATTS, HENRY CHARLES .. ..	New Russia Co., Hughesoffka, South
1895 Jan. 8.	PLATTS, THEODORE SERGIUS ..	Waterworks, Odessa, Russia. [Russia.
1894 May 22.	POLLITT, HARRY .. .. .	M. S. & L. Ry., Gorton, Manchester.
1891 Dec. 1.	POLLITT, ROBERT BARNABAS ..	O. Guttman, 12 Mark Lane, E.C.
1896 May 19.	*POLLOCK, JAMES, JUD. .. ..	Joint Railways Office, Birkenhead.
1879 Dec. 2.	PONSFORD, JAMES .. .. .	British Post Office, Constantinople.
1882 Dec. 5.	PONT, GEORGE VICTOR .. .. .	Khagole, Patna District, India.
1892 May 3.	POOLE, EDWARD COOPER .. ..	2 Portland Street, Southampton.
1894 Dec. 4.	*POOLE, WILLIAM, JUN. .. ..	87 Pitt St., Redfern, Sydney, N.S.W.
1893 Dec. 5.	*POOLEY, HUBERT .. .. .	Gas Light Co., Dunfermline, N.B.
1881 May 31.	*POPE, FRANCIS JOHN .. .. .	61 Wynnstay Gardens, Kensington, W.

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1889 Feb. 5.	POPE, JOSEPH GORDON .. ..	{	27 Palatine Rd., Withington, Manchester. [Neasden, N.W.]
1892 Dec. 6.	*POPE, THOMAS, JUN. .. ..		Wytham House, Lansdowne Grove,
1889 Dec. 3.	POPKISS, EDWARD PETER .. ..		P.W.D., George Town, Cape Colony.
1882 Dec. 5.	POPKISS, RICHARD .. ..		Langley Ho., Langley Av., Surbiton.
1889 Feb. 5.	*PORTEOUS, GEORGE WILLIAM ..		Rueda, Mataporquera, Palencia, Spain.
1875 Apr. 6.	PORTER, EDMUND VERNON .. ..		44 Manor Road, Beckenham.
1890 Dec. 2.	*PORTER, JAMES ROBERTSON ..		{ C. & J. Ham, Swanston St., Melbourne, Victoria.
1887 May 24.	PORTER, JOHN .. ..		22 Waldegrave Road, Norwood, S.E.
1888 Feb. 7.	PORTUS, ALEXANDER BROWN ..		Harbour Office, Sydney, N.S.W.
1889 Dec. 3.	POSTLE, JOHN DAVY .. ..		{ P.O., William St., Darlinghurst, Sydney, N.S.W.
1891 May 5.	POTT, ARTHUR HENRY .. ..		Savernake Lodge, Chelmsford. [E.C.]
1891 May 12.	POTTER, CHARLES WILLIAM ..		Worthington Co., 153 Qn. Victoria St.,
1887 Feb. 1.	*POTTER, THOMAS WILLIAM ..		Friern Lane, New Southgate, N.
1876 Apr. 4.	{ POTTS, BENJAMIN LANGFORD FORSTER .. ..		117 Camberwell Grove, S.E.
T t ✠ 1879 May 27.	POTTS, JOHN JAMES .. ..		Stranton Works, West Hartlepool.
1867 May 21.	POTTS, JOSEPH .. ..		1A Hamilton Ter. W., Partick, Glas-
1888 Dec. 4.	POWELL, ARTHUR .. ..		3 Unity Street, Bristol. [gow.]
1881 May 3.	POWELL, EDWARD .. ..		Millfield, Pontypridd.
1882 Feb. 7.	POWELL, FRANK CHARLES ..		50 Newcomen Terrace, Coatham,
1885 Dec. 1.	POWELL, HENRY BOLLAND ..		19 Victoria Street, S.W. [Redcar.]
1895 Dec. 3.	POWELL, ROBERT ALBERT ..		P.W.D., Vavaniya, Ceylon.
1887 Mar. 1.	POWER, JOHN MOORHEAD, B.A.		British Consulate, Linares, Spain.
✠ 1880 Dec. 7.	{ POWLES, HENRY HANDLEY PRIDHAM .. ..		152 Oakley Street, Chelsea, S.W.
1894 Dec. 4.	*POWALL, JOHN .. ..		700 Lewis Block, Pittsburg, U.S.
1893 Dec. 5.	PRADO, LEOPOLDO DE ABEU ..		41 Praia de Cajá, Rio de Janeiro.
1885 May 19.	PRADO, MANOEL EUGENIO DO ..		{ 30 Avenue de Rumine, Lausanne, Switzerland.
1864 Mar. 1.	PREBBLE, CHARLES TREW ..		Temperley, Hucclecote, Gloucester.
1893 Dec. 5.	*PREBBLE, ERNEST .. ..		Eng.'s Office, L. & N. W. Ry., Euston,
1894 Jan. 9.	*PREECE, ARTHUR HENRY ..		39 Victoria Street, S.W. [N.W.]
t ✠ 1876 Dec. 5.	{ PRELLER, CHARLES SHEIBNER DU RICHE, M.A., Ph.D. ..		18 Margaret Street, Cavendish Sq., W.
1895 Feb. 5.	PRENDERGAST, PATRICK JOSEPH		St. Mary's Ter., Athlone, Ireland.
1885 Apr. 14.	*PRENTICE, ERNEST SAMUEL ..		Greystoke, Christchurch Road, Sur-
1887 Dec. 6.	*PRENTICE, THOMAS THEOPHILUS		Waterworks, Lima, Peru. [biton.]
1888 Dec. 4.	PRESCOTT, HARRY ERNEST, M.A.		39 Harewood Square, N.W.
1882 Feb. 7.	*PRESTIGE SYDNEY .. ..		Sunderland Rd., Forest Hill, S.E.
1882 May 2.	PRESTON, EDWARD STUART, M.A.		{ Park House Cottage, Park Road, Swanage.
1891 Mar. 3.	PRESTON, FRANCIS JOHN ..		G. I. P. Ry., Sholapur, Bombay.
m 1876 May 30.	*PRESTON, SIDNEY .. ..		Carson Ho., Church End, Finchley, N.
1895 Dec. 3.	*PREW, EDWARD JOHN .. ..		Casilla de Correo 145, Lima, Peru.
1893 Feb. 7.	*PRICE, ARTHUR BOYD .. ..		Bapatla, via Guntur, S.M. Ry., India.
1886 Apr. 6.	PRICE, JOHN .. ..		Bureau des Services Sanitaires, Cairo.
1879 Dec. 2.	*PRICE, JOHN .. ..		Asst. City Eng.'s Office, Lark Lane,
1894 May 1.	PRICE, JOSEPH .. ..		125 Bunhill Row, E.C. [Liverpool.]
1889 Jan. 8.	*PRICE, PETLEY LLOYD AUGUSTUS		Kentville, Nova Scotia.
1895 Dec. 3.	PRICE, WALTER CROMWELL, B.A.		P.W.D., Colombo, Ceylon.
1887 Jan. 11.	PRICE, WILLIAM ARTHUR, M.A.		Telegraph Works, Silvertown, E.
1891 Feb. 3.	PRICE, WILLIAM EDWARD ..		Gas Works, Hampton Wick.
1891 Apr. 7.	*PRICE-WILLIAMS, JOHN MORGAN		32 Victoria Street, S.W.
1889 Dec. 3.	{ *PRICE - WILLIAMS, SEYMOUR WILLIAM .. ..		J. Mansergh, 5 Victoria St., S.W.
1891 Jan. 13.	PRICHARD, DAVID .. ..		{ Brithwernydd, Penrhyn Deudraeth, N. Wales.
1889 Dec. 3.	PRIDHAM, THEODORE .. ..		P.W.D., Sydney, N.S.W.
1882 Feb. 2.	*PRIEST, FRANK EDWARE ..		13 Harrington Street, Liverpool.
1886 Mar. 2.	PRIESTLEY, CHARLES HENRY ..		9 Plas-Turton Gardens, Cardiff.



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1891 Mar. 3.	*PRIGG, HENRY VICTOR .. ..	11 Mount Gould Rd., Plymouth.
1880 Jan. 13.	PRIMROSE, ADAM .. ..	{ Duvivier & Co., Rua do Gen. Camara 64, Rio de Janeiro.
1890 May 20.	*PRINCE, HERBERT WALTER ..	La Guaira Harbour, Venezuela.
1888 Dec. 4.	*PRINSEP, REGINALD SEYMOUR ..	Elstead, Godalming.
1890 May 6.	*PRITCHARD, THOMAS .. ..	6 Sidney Rd., Richmond, S.W.
✱ 1889 Dec. 3.	*PROCTER, HERBERT TATHAM ..	53 Victoria Street, S.W.
1894 Mar. 6.	PROCTOR, HAROLD FARADAY ..	Electric Light Station, Bristol.
1896 Feb. 4.	PROCTOR-SIMS, ERNEST WILLIAM ..	P.W.D., Bhavnagar, Kathiawar, India.
1892 Mar. 1.	*PROUDFOOT, JAMES LENNOX ..	Lanemark, New Cumnoek, N.B.
1889 Dec. 3.	*PROUSE, ARTHUR DUNCAN ..	Harbour Works, Colombo, Ceylon.
1873 May 6.	PROUSE, CHARLES .. ..	Stoneleigh, Livingstone Rd., South-
1879 Feb. 4.	*PROUSE, OSWALD MILTON ..	Alvington, Slade Rd., Ilfracombe. [sea.
1895 Dec. 3.	PROVIS, JOHN .. ..	Western Silver Mine, Zeehan, Tas-
✱ 1887 Dec. 6.	*PROVIS, RICHARD .. ..	Lefroy, Tasmania. [mania.
1878 Jan. 15.	PROVIS, THOMAS BAWDEN ..	Tregorland, St. Mawes, Cornwall.
1886 Jan. 12.	PRYCE, HENRY JAMES .. ..	54 Filey Avenue, Stoke Newington.
1886 May 18.	PUCKERING, ROBERT COMINS ..	Britannia Ironworks, Gainsborough.
1893 May 2.	PUG DE LA BELLACASA Y SAN- CHEZ, NARCISO .. ..	Goya 8, Madrid.
m ✱ 1892 Jan. 12.	{ *PULLEN, WILLIAM WADE FITZ- HERBERT, WILSON .. ..	Fairley Vil., Oxford Rd., Putney, S.W.
1884 Dec. 2.	PULLON, JOSEPH THOMAS ..	{ La C <sup>ta</sup> . Tuñel Murdoch de Hidalgo, Pachuca, Hidalgo, Mexico.
1884 Dec. 2.	*PUNCHARD, JOHN HENRY ..	36 Cornwall Road, W.
✱ 1883 May 29.	*PUNCHARD, WILLIAM CHARLES ..	151 Cannon Street, E.C.
✱ 1880 May 4.	PURCELL, GERVASE, B.A. ..	San Gabriel, Los Angeles, Cal., U.S.
1886 Mar. 2.	PURDON, FREDERICK .. ..	2 Great George Street, S.W.
1885 Mar. 3.	PURNELL, EDWARD JAMES, JUN.	Coventry.
1893 May 2.	{ *PUTMAN, WILLIAM ERNEST YOUNG .. ..	City Engineer's Office, Leeds.
1885 Apr. 14.	*PUTTEN, ERNEST VAN .. ..	Sion House, Lewisham, S.E.
1893 Mar. 7.	*PYKE, LAZARUS .. ..	44 Kensington Park Gardens, W.
1885 Dec. 1.	*PYNE, HERBERT BARRINGTON ..	Correo Casilla 1318, Buenos Ayres.
1891 Apr. 7.	*QUICK, FREDERIC WILLIAM ..	13 Montpelier Place, Brighton. [Ayres
1887 Dec. 6.	QUIRK, THOMAS EDWARD ..	Payton & Co., Balearce 371, Buenos
1895 Dec. 3.	*QUODLING, WILLIAM JAMES ..	Courango, Stratfield, N.S.W.
1891 Dec. 1.	RABADINA, DORABJEE BHIKHAJEE ..	B. B. & C. I. Ry., Bombay.
1887 Dec. 6.	RADCLIFF, EDWARD .. ..	Donegal Ry., Donegal.
1896 Mar. 3.	RADCLYFFE, LESLIE .. ..	Benilton Mount, Sutton, Surrey.
1889 Jan. 8.	RADFORD, JOHN CHARLES ..	153 High St., Putney, S.W.
1884 Feb. 5.	RADFORD, WILLIAM HENRY ..	Angel Row, Nottingham.
1895 Feb. 5.	RADLEY, EDWARD YELF, B.A. ..	4 Abercromby Square, Liverpool.
1879 Mar. 4.	RADLEY, JOHN ALFRED .. ..	G. E. Ry., Thorpe, Norwich.
1891 Mar. 3.	*RAILTON, ALAN .. ..	Ship Canal, Cadishead, Lancs.
1892 Dec. 6.	{ *RAMUS, BERTHAM EDWARD DE NOUAI, B.A. .. ..	Playden Rectory, Rye, Sussex.
1891 Dec. 1.	RANDALL, WILLIAM SANROFT ..	Gas Light & Coke Co., Horseferry Rd.,
1876 May 30.	*RANDELL, JOHN WILLIAM ..	15 Albion Square, Dalston, E. [S.W.
1877 Feb. 6.	*RANDOLPH, GRANVILLE WALTER ..	Fir Cottage, Mirfield, Yorks.
1894 Feb. 6.	*RANKEN, ARTHUR WILLIAM ..	{ Electric Lighting Station, Gt. Yarmouth.
1884 Apr. 1.	*RANKIN, GEORGE .. ..	Harbour Works, Buenos Ayres.
1874 Apr. 14.	RANKINE, DAVID .. ..	5 West Regent Street, Glasgow
WtMm ✱ 1892 Dec. 6.	*RANSOM, HERBERT BYROM ..	{ Manlove, Alliot & Co., 57 Grace- church St., E.C.
1890 Feb. 4.	*RANSOM, PETER AUGUSTUS, B.A. ..	Hyde Rd. Eng. Works, West Gorton, Manchester.
1896 Feb. 4.	RANSOME, FREDERICK STANLEY ..	Falcon Works, Loughborough.

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	1886 Jan. 12.	*RANSOME, JAMES STAFFORD ..	{ 38 Overstrand Mansions, Battersea Park, S.W.
	1894 May 22.	RANSOME, JOHN WILMER ..	8 Lordship Ter., Stoke Newington, N.
m	1888 May 15.	*RANSOME, LEWIS HENRY ..	3 Pembroke Cottages, Kensington, W.
	1892 Dec. 6.	RAO, KEKOBAD HORMASJEE ..	Bengal Ry., Post Dharamtul, Assam.
	1892 Dec. 6.	*RAPER, JOHN CHARLES DODGSON	G.I.P. Ry., Badnera, India. [St., E.C.
	1888 Mar. 6.	*RAPLEY, FREDERICK HARVEY .	Taite & Carlton, 63 Queen Victoria
	1892 Dec. 6.	RATANJI, MANACKJI, L.C.E. ..	Port Trust, Bombay.
	1893 Dec. 5.	*RATHBONE, ACHESON LYLE ..	Greenbank, Liverpool.
	1882 Feb. 7.	*RATHBONE, EDGAR PHILIP ..	{ Standard Bank Buildings, Johannes- burg, Transvaal.
	1877 Dec. 4.	RATLIFF, CLEOPHAS WILLIAM	St. Margaret's, Seaton, Devon.
	1886 Jan. 12.	*RATTRAY, DAVID CAMPBELL ..	M. S. & L. Ry., Guide Bridge, Man-
	1885 Dec. 1.	*RAVENHILL, THOMAS .. ..	Clapham Common, S.W. [chester.
	1890 May 20.	RAVENSHAW, HENRY WILLOCK	110 Cannon Street, E.C.
	1886 Dec. 7.	*RAVES, BERTRAM ADAMS ..	Welwyn, Herts.
	1895 Apr. 2.	*RAVES, BRIAN ALBERT .. ..	2 A Lines, Curragh Camp, Ireland.
	1885 Dec. 1.	*RAWSON, FREDERICK LAWRENCE	33 Cornhill, E.C.
	1884 Apr. 1.	RAWSON, THOMAS HAROLD ..	Harbour Board, Westport, N.Z.
	1891 Dec. 1.	*RAYMOND, SYDNEY .. ..	{ Johannesburg Ry., Charlestown, Natal.
	1891 Dec. 1.	*RAYNER, FRANK .. ..	1 Alexandra Road, Nottingham.
	1869 May 6.	RAYNER, THOMAS CHEVELEY ..	Brunswick Ter., Bangor, co. Down.
	1890 May 4.	*RAYNES, THOMAS .. ..	Water Dept., Broad St., Birmingham.
	1884 Dec. 2.	*READ, HARRY VAUGHAN RUDSTON	{ Broad St. Avenue, Blomfield St. E.C. (Valorem, London. 562.)
	1881 Feb. 1.	READ, RICHARD .. ..	City Surveyor, Gloucester.
m	1878 May 7.	*READ, RICHARD JOHN GIFFORD	13 Victoria Street, S.W.
m	1882 Feb. 7.	*READ, ROBERT HENRY .. ..	{ Cadogan Ironworks, Lots Road, Chelsea, S.W.
	1879 Feb. 4.	READE, FREDERICK THOMAS ..	26 Bedford Row, W.C.
	1891 Feb. 3.	READE, JAMES FRANCIS .. ..	John Street, Kilkenny, Ireland.
	1871 Apr. 4.	READE, THOMAS MELLARD ..	Park Corner, Blundellsands, L'pool.
	1886 Jan. 12.	REAH, HUDSON .. ..	16 Church St., Preston.
	1887 Feb. 1.	REESCH, SAMUEL .. ..	Byculla Club, Bombay.
	1891 Dec. 1.	*REED, HENRY ASHMAN .. ..	M. S. & L. Ry., Lutterworth.
	1887 Dec. 6.	REES, FREDERICK HOWELL ..	Box 2492, Johannesburg, Transvaal.
	1894 May 22.	REFSON, JOSEPH NEWELL ..	Gas Light & Coke Co., Beckton, E.
	1887 Dec. 6.	REEVE, HENRY .. ..	St. Stephen's Club, Westminster, S.W.
	1895 Dec. 3.	REID, ALEXANDER .. ..	Ffrwd Ironworks, near Wrexham.
	1892 Dec. 6.	REID, ANDREW .. ..	194 St. Vincent Street, Glasgow.
	1896 Feb. 4.	REID, DAVID JOHN .. ..	Highland Ry., Inverness.
	1894 Dec. 4.	REID, JOHN HENRY ONSLOW ..	St. Croix, Holly Walk, Leamington.
	1893 Dec. 5.	*REID, ROBERT NEWBY HARTLEY	P.W.D., Masulipatam, Madras.
	1892 Dec. 6.	REID, SAMUEL .. ..	The Knoll, Swansea.
	1884 Feb. 5.	*REID, WILLIAM .. ..	Kilbirnie, N.B.
	1881 May 3.	*REILLY, FREDERICK, F.C.H. ..	Rue des Fournaux 9, Paris.
	1883 May 29.	REILLY, HENRY .. ..	26 Bedford Row, W.C.
	1878 May 28.	{ REINCKE, HANS RODERICH LEOPOLD .. ..	{ 2 Laurence Pountney Hill, E.C. (1530.) [Spain.
	1893 May 16.	*REINHOLD, GUSTAVE CHARLES	Brandt y Brandon, Cuevas, Almeria,
	1886 Apr. 6.	{ *RENTON, ALEXANDER CRAIG, B.Sc. .. ..	{ F. C. Central, Rosario de Sta. Fé, Argentina.
	1882 Mar. 7.	RENWICK, CHARLES .. ..	Eng.'s Off., Montego Bay, Jamaica.
	1887 Dec. 6.	REUNERT, THEODORE .. ..	Johannesburg, Transvaal.
	1893 May 2.	REVILL, WILLIAM HENRY ..	9 Williams Terrace, Chiswick, W.
	1894 May 1.	REYNOLDS, ERNEST JOHN ..	{ 3 Clarendon Villas, Beaconsfield Rd., New Southgate.
	1894 Dec. 4.	*REYNOLDS, FRANK PAUL ..	34 Alix, Manila, Philippines.
	1890 Jan. 14.	*REYNOLDS, LESLIE HUNTER ..	Montecillo, Dunedin, N.Z.
	1886 Jan. 12.	*REYNOLDS, THOMAS BLAIR ..	5 Victoria Street, S.W. [N.S.W.
	1889 Dec. 3.	RHODES, THOMAS .. ..	High Coombe, Carlingford, Sydney,
	1882 Dec. 5.	RICH, HOWARD .. ..	10 Selborne Terrace, Manningham.

Date of  
Election.

## ASSOCIATE MEMBERS.

1878 Apr. 2.	RICHARDS, EDWIN MELVILLE ..	Boro' Engineer, Warwick. [Bradford.
1893 May 16.	*RICHARDS, HENRY FINES ..	{ Bridge Works, Tal-y-Cafn, Denbigh- shire.
1888 Dec. 4.	RICHARDS, RICHARD WATKINS	City Surveyor, Sydney, N.S.W.
1893 Apr. 11.	RICHARDSON, CECIL .. ..	B. B. & C. I. Ry., Bombay. [biton.
1887 Jan. 11.	*RICHARDSON, GEORGE RICHARD	Dawankuttie, Crane's Pk. Rd., Sur-
1890 Feb. 4.	*RICHARDSON, HARRY .. ..	{ Surveyor, Aston Manor, Birming- ham. [ney, S.W.
1893 May 16.	RICHARDSON, WILLIAM ARTHUR	Glen Heather, Dryburgh Rd., Put-
1885 May 5.	*RICKETTS, DASHWOOD POYNTZ	Eversholt, Leamington. [mouth.
1896 Mar. 3.	RIDER, JOHN HALL .. ..	8 Connaught Avenue, Mutley, Ply-
1886 Mar. 2.	*RIDLEY, MARTYN NOEL .. ..	28 Victoria Street, S.W.
1886 Dec. 7.	RIGBY, ARTHUR .. ..	Harbour Board, Mackay, Queensland.
1892 Mar. 1.	*RIGBY, ARTHUR BANKS .. ..	{ Hawthorne Villas, Merton Road, Wandsworth, S.W.
1891 Dec. 1.	*RIGBY, HERBERT PETER BARROW	{ Res. Eng., Main Drainage, Cape Town, C.C.
1888 Jan. 10.	RISTORI, EMANUEL JOSEPH ..	9 Victoria Street, S.W.
1882 May 23.	RITSO, GEORGE FREDERICK ..	G.P.O., Sydney, N.S.W.
1885 Apr. 14.	RITSON, THOMAS NOBLE .. ..	Gasworks, Kendal.
1892 Dec. 6.	*RIVERS, CHARLES HAY .. ..	20 Bucklersbury, E.C.
1875 May 4.	RIVERS, EDWARD GEORGE ..	12 Whitehall Place, S.W.
1890 Feb. 4.	*ROACH, WILLIAM LLOYD .. ..	District Council, Blaina, Mon.
1890 Mar. 4.	*ROBERTS, CHARLES, F.C.H. ..	{ Nacoochee Hills Gold Mining Co., Nacoochee, Ga., U.S.A.
1881 May 31.	ROBERTS, CHARLES WARREN ..	Plas Wenydd, Blaenau-Festiniog.
1896 May 19.	*ROBERTS, GERVASE HENRY ..	64 Scholes Bank, Horwich.
1894 Mar. 6.	*ROBERTS, GRIFFITH .. ..	Portmadoc, North Wales.
1892 Dec. 6.	ROBERTS, JOHN BROAD .. ..	Box 1019, Johannesburg, Transvaal.
1892 Dec. 6.	*ROBERTS, JOHN MARRIS, B.E.	50 Morehampton Road, Dublin.
1891 Jan. 13.	ROBERTS, LOUIS EDGAR .. ..	2 Ash Grove, Victoria Pk., Manchester.
1884 Apr. 1.	ROBERTS, MARTIN FENN .. ..	{ Christchurch Av., Brondesbury, N.W.
1890 Dec. 2.	{ *ROBERTS, REUBEN WILLIAM F.C.H. .. .. ..	Pegu Club, Rangoon, Burma.
1886 Dec. 7.	{ ROBERTS, RICHARD GABBETT SPIERS .. .. ..	Dist. Eng., Purneah, Bengal.
1881 May 31.	ROBERTS, THOMAS .. .. ..	Civil Engineer, Portmadoc.
1887 Mar. 1.	ROBERTS, THOMAS .. .. ..	Govt. Rys., Adelaide, So. Australia.
1893 Feb. 7.	ROBERTS, WILLIAM .. .. ..	Highland Ry., Inverness, N.B.
1893 Dec. 5.	*ROBERTSON, ALEXANDER GORDON	5 Samos Road, Ancley, S.E.
1892 May 3.	ROBERTSON, FULTON, B.Sc. ..	27 Saltoun Place, Fraserburgh, N.B.
1891 May 12.	{ *ROBERTSON, GEORGE THOMPSON, B.Sc. .. .. ..	Lautaro Nitrate Co., Taltal, Chili.
1896 May 5.	{ ROBERTSON, HORACE PATRICK, M.E. .. .. ..	P.W.D., Perth, Western Australia.
1880 Dec. 7.	*ROBINS, EDWARD .. .. ..	205 Wardour Street, W.
1894 Feb. 6.	*ROBINS, FREDERICK SANDERSON	Box 860, Johannesburg, Transvaal.
1890 Feb. 4.	ROBINS, JOHN .. .. ..	19 Portland St., Southampton.
1888 Dec. 4.	ROBINS, WILLIAM HENRY .. ..	82A New St., Birmingham.
1890 Mar. 4.	{ ROBINSON, ARTHUR SAMUEL FRANCIS .. .. ..	Hildon House, Wantage, Berks.
1877 Dec. 4.	{ *ROBINSON, CHARLES LAWRENCE PEMBERTON, B.A. ....	Littlethorpe, near Ripon.
1892 Dec. 6.	ROBINSON, ERNEST GEORGE ..	{ F. C. Ensenada, Estacion Central, Buenos Ayres.
1894 Feb. 6.	ROBINSON, FREDERICK FOLEY	9 Chiswick Place, Eastbourne.
1880 Dec. 7.	ROBINSON, HUGH CECIL .. ..	43 Dover Street, W.
1887 Feb. 1.	ROBINSON, JAMES .. .. ..	P.W.D., Bhagulpore, Bengal.
1892 Jan. 12.	ROBINSON, JAMES .. .. ..	13 Southgate St., Winchester.
1882 Dec. 5.	*ROBINSON, JOHN NEWMAN ..	B. & N.W. Ry., Nanpara, India.
1895 Feb. 5.	*ROBINSON, JOSEPH PETER ..	8 Trafalgar Rd., Birkdale, Southport.
1895 Dec. 3.	*ROBINSON, KEITH .. .. ..	54 Boundary Road, N.W.

Date of Election.		ASSOCIATE MEMBERS.	
m	✠	1889 Dec. 3. *ROBINSON, LESLIE STEPHEN ..	28 Victoria St., S.W. (Eyebolts, Lon.)
		1883 Dec. 4. *ROBINSON, RICHARD SYER ..	Price & Wills, Barry Dock, Cardiff.
		1884 May 27. {ROBINSON, Professor WILLIAM, M.E. .. .. .}	277 Woodborough Rd., Nottingham.
		1882 May 2. ROBINSON, WILLIAM FLETCHER ..	Rivadavia, Maidenhead.
		1894 Dec. 4. ROBSON, JOHN JAMES .. ..	3 Victoria Street, S.W.
		1896 Feb. 4. ROBSON, THOMAS PEARSON ..	Tavistock Road, South Woodford.
		1888 Dec. 4. ROCHFORD, JAMES .. ..	Napier, N.Z.
		1885 May 19. *RODEN, HORACE HASSALL ..	{Ingleside, Walliscote Rd., Weston-super-Mare.
		1873 Dec. 2. *RODWELL, JOHN KIRBY .. ..	Bury St. Edmunds.
t	✠	1886 Feb. 2. ROECHLING, HERMAN ALFRED ..	23 Highfield St., Leicester.
		1895 Jan. 8. *ROGERS, GEORGE SAMUEL WYON ..	Local Board, Spennymoor, Durham.
		1893 Dec. 5. ROGERS, JOHN .. .. .	City Engineer, Brisbane, Queensland.
		1891 Dec. 1. ROGERS, OLIVER HERBERT ..	Eng.-in-Chief's Office, Adelaide, So.
		1888 Dec. 4. ROGERS, RALPH BARON, M.A. ..	Penalverne, Falmouth. [Australia.
		1891 Feb. 3. *ROGERSON, JOHN EDWIN, B.A. ..	Croxdale Hall, Durham.
		1890 Apr. 1. RÖHE, CHRISTIAN HEINRICH ..	{MM. Arens, Irmãos, Rua João Alfredo 147, Rio de Janeiro.
		1887 Dec. 6. *ROLLESTON, JOHN CHRISTOPHER ..	Australian Club, Sydney, N.S.W.
		1872 May 14. ROMANA, EDWARD L. DE ..	G. Stafford & Co., Arequipa, Peru.
		1890 Feb. 4. *ROMANES, CHARLES HUGH ..	{R. Maywell, 180 Worcester St. West, Christchurch, N.Z.
		1878 Mar. 5. ROMANES, GEORGE .. .. .	Craigknowe, Slateford, N.B.
		1892 Dec. 6. ROOKE, JOHN WILLIAM BROWN ..	Rosendale, Brooklands, Cambridge.
m	✠	1885 Feb. 3. *ROOPER, WALTER OSMOND ..	Emery Works, Stafford.
		1886 Apr. 6. *ROPER, JOHN SIMPSON .. ..	32 Market Square, Lancaster.
		1888 Dec. 4. *ROSE, FREDERICK, JUN. .. ..	Caixa 100, Santos, Brazil.
		1888 Jan. 10. *ROSE, GEORGE PRINGLE, C.I.E. ..	H. S. King & Co., 45 Pall Mall, S.W.
		1886 Apr. 6. ROSE, JAMES WILNOT ANDREAS ..	Eng.'s Off., Naauwpoort, Cape Colony.
		1891 Mar. 3. *ROSS, COLIN JOHN, B.E., B.Sc. ..	121 Pitt St., Sydney, N.S.W.
		1889 Dec. 3. *ROSS, FRANCIS EDWARD .. ..	Montrose, North Park, Croydon.
		1893 May 16. *ROSS, JOHN .. .. .	Toddlaw, Duns, N.B.
		1889 Jan. 8. ROSS, JOHN CLARK .. .. .	Bloomfield Bros., Warrnambool, Vic.
		1890 Feb. 4. *ROSS, PERCIVAL .. .. .	North Bierley, Bradford. [toria.
		1894 Feb. 6. ROSS, WILLIAM, B.E. .. ..	66 North Wall, Dublin.
		1895 Dec. 3. ROSS, WILLIAM, B.E. .. ..	{Fisher & Le Fanu, Broadmills, Co Down. [N.S.W.
		1890 Dec. 2. ROSSBACH, WILLIAM .. ..	Harbours & Rivers Dept., Sydney.
		1893 Mar. 7. ROTHWELL, EDMUND .. ..	Springfield Cot., Marland, Rochdale.
		1877 Mar. 6. ROTHWELL, RICHARD MARSHALL ..	Ellerslie, Summertown, Oxford.
		1896 Jan. 14. *ROTTER, EDWD. RICH. ERNEST ..	23 Victoria Rd., Gipsy Hill, S.E.
		1895 Jan. 8. {ROUNTHWAITE, RICHARD SEP- TIMUS .. .. .}	4 Carlton Terrace, Sunderland.
		1884 Feb. 5. {ROUSE, HENRY GEORGE ARCHIBALD .. .. .}	Norton, Haslemere Rd., Crouch End, N.
		1890 Apr. 1. ROUTH, WILLIAM POLE .. ..	Sutton Court, Sutton, Surrey.
		1894 Dec. 4. {ROVING, CHRISTIAN MARTIN CRONE, B.A. .. ..}	Consulting Eng. to Govt., Bangkok, Siam.
		1878 May 7. ROWAN, ARTHUR HILL .. ..	14 Victoria Street, S.W.
✠		1886 Apr. 6. ROWAN, FREDERICK JOHN ..	{121 West Regent Street, Glasgow. (Barnacles, Glasgow.)
		1895 Feb. 5. ROWBOTHAM, JAMES MCKEAN ..	Gasworks, Corrales, Buenos Ayres.
		1895 Jan. 8. ROWE, DANIEL .. .. .	{D.P.W., Sewerage Branch, Sydney, N.S.W.
		1893 Feb. 7. {ROWNEY, GEORGE ANSELM HENRY, B.E. .. ..}	{State Rys., Hindlap Section, Bangkok, Siam.
		1888 Dec. 4. *ROY, NORMAN WILLIAM .. ..	{N.W.Ry., Shahrig, Beluchistan.
		1893 Mar. 7. {*ROYAL-DAWSON, FREDERICK GEORGE .. .. .}	{Longford Bridge, Stretford, Mehtr.
		1884 Feb. 5. ROYLE, HENRY .. .. .	City Surveyor's Office, Manchester.
		1893 Jan. 10. *ROYLE, STANLEY ARTHUR ..	Rozario & Co., Hong Kong.
		1889 Apr. 2. *ROZARIO, LOUIS CHARLES DO	

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## ASSOCIATE MEMBERS.

	1887 Dec. 6.	RUMSEY, HERBERT .. ..	{ Clarendon, Strafford Rd., Twickenham.
	1895 Apr. 2.	*RUNDALL, WILLIAM HARRY ..	{ 1 Park Hill, Ealing, W.
W t +	1879 Feb. 4.	RUNEBERG, ROBERT .. ..	{ Liteinij prosp. 57, St. Petersburg.
	1895 May 21.	RUSHWORTH, JOSEPH .. ..	{ 12 Fontarabia Rd., New Wandsworth, S.W.
	1887 Apr. 5.	*RUSSELL, ARTHUR JAMES ..	{ Tolima Mining Co., Honda, U.S. Colombia. [N.E.]
	1892 Feb. 2.	RUSSELL, CHARLES NEWTON ..	{ London & Lanes. Eng. Co., Dalston,
	1885 Jan. 13.	*RUSSELL, STUART ARTHUR ..	{ Kingswood, Coventry Rd., Ilford.
	1876 Feb. 1.	*RUSSELL, WILLIAM .. ..	{ 9 Victoria Street, S.W.
	1894 May 1.	*RUTTER, CHARLES HERBERT ..	{ Gas Co., Hove, Brighton.
	1886 Apr. 6.	*RUTTER, HENRY FILLMER ..	{ W. Middlesex W'wks., Hammers'th.
	1893 May 2.	*RUTTER, HENRY THORNTON ..	{ 21 Fitzroy Square, W.
	1889 Mar. 5.	{ *RYGATE, PHILIP WILLIAM ..	{ 322 George Street, Sydney, N.S.W.
		{ M.A., B.E. .. ..	
	1869 Feb. 2.	SACRÉ, ALFRED LOUIS .. ..	{ 60 Queen Victoria Street, E.C. (1668.)
	1861 Apr. 9.	SADASEWJEE, HURRYCHUND ..	{ Girgaum Back Road, Bombay.
	1889 Feb. 5.	SADLER, HENRY .. ..	{ H.M. Dockyard, Keyham, Devonport.
	1892 Dec. 6.	SADLER, WILLIAM WINDHAM ..	{ Maghull, Liverpool.
	1894 Feb. 6.	*SAHNI, BHAGAT RAM .. ..	{ Kispia Ram Bros., Rawal Pindi, India.
	1881 May 31.	{ *ST. CLAIR, Hon. LOCKHART ..	{ Grindlay, Groom & Co., Bombay.
		{ MATTHEW .. ..	
	1896 Feb. 4.	SAISE, ALFRED JOHN .. ..	{ Stapleton District Council, Fish- ponds, Bristol.
	1893 Apr. 11.	SALIS, HENRY RODOLPH DE ..	{ Fairacres, Oxford.
	1889 Apr. 2.	SALMON, ARTHUR .. ..	{ Wallasey District Council, Egremont.
+ 1889 Dec. 3.	SALMOND, DAVID CUNNINGHAM ..		{ 7 Windsor Place, Cardiff.
	1891 May 5.	*SALTER, ARTHUR JOSEPH ..	{ 1 Foxham Rd., Tufnell Park, N.
	1890 Jan. 14.	*SALTMARSH, LIONEL .. ..	{ Box 855, Johannesburg, Transvaal.
	1890 May 6.	SALWEY, EDWARD RICHARD ..	{ Stonehouse Court, Gloucestershire.
	1891 Feb. 3.	*SAMPLE, JOHN THOMAS HORNSEY ..	{ Waterworks, Belper.
	1888 Feb. 7.	*SANDEMAN, EDWARD .. ..	{ Water Engineer, Plymouth. [India.
	1891 Feb. 3.	*SANDERS, EVELYN FRANCIS, B.E.	{ Bengal-Nagpur Ry., Sini Station.
	1892 Dec. 6.	{ *SANDERSON, CHARLES STEUART ..	{ 46 Queen Victoria Street, E.C.
		{ BELL .. ..	
	1890 Dec. 2.	*SANEY, JOHN ARTHUR .. ..	{ Weaver Navigation, Northwich.
	1887 May 3.	*SANFORD, HENRY WILLIAM ..	{ 13 Dents Rd., Wandsworth Com., S.W.
	1889 Feb. 5.	*SANT, WILLIAM ELOIN .. ..	{ Wortley, Mais & Sant, Kingston, Jamaica.
	1893 Dec. 5.	*SARGEANT, EDWARD FRANK ..	{ Lower Street, Stroud, Glos.
	1895 Dec. 3.	*SARGENT, HARRY LIONEL ..	{ Bewick, Moreing & Co., Broad Street House, E.C.
	1885 May 19.	SARTORI, LEONARD .. ..	{ 6 Ovington Gardens, S.W.
	1881 Jan. 11.	*SAUBERGUE, ARTHUR DE ..	{ Waterworks, Barbados.
	1892 Mar. 1.	*SAUNDERS, ERNEST EDWARD ..	{ Improvements Co., Rio de Janeiro.
	1890 Dec. 2.	{ *SAUNDERS, FRANK WALTER ..	{ Water Supply, Coolgardie, Western Australia.
		{ THEODOR .. ..	
	1880 May 25.	*SAUNDERS, HENRY JOHN ..	{ John Girdwood, 18 St. Swithin's Lane, E.C.
	1896 Apr. 14.	SAUNDERSON, FREDERICK ..	{ 1 Woodbourne Pl, Douglas, I. of Man
	1892 Feb. 2.	SAVAGE, EDWARD BALLARD ..	{ City Engineer's Office, Norwich.
+ 1886 Jan. 12.	SAVAGE, HUGH .. ..		{ 84 Rue Cockerill, Serning, Belgium.
	1895 Dec. 3.	SAVAGE, WILLIAM, Wh. Sc. ..	{ 77 Beech Street, Crewe.
	1895 Jan. 8.	SAVAGE, WILLIAM HENRY ..	{ Montfichet, East Ham, Essex.
	1882 Feb. 7.	SAVICH, DR. ESTEVAO .. ..	
	1895 Dec. 3.	*SAVILE, LEONOLD HALLIDAY ..	{ Southern Punjab Railway, Jhind, India.
	1889 Dec. 3.	*SAVOURS, WILLIAM MATHEW ..	{ Woodlands, St. Martin's Rd., Caerphilly, Cardiff.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1887 Mar. 1.	*SAXBY, JAMES .. .. .	Creil, Oise, France.
	1876 Feb. 1.	SAXTON, HENRY WARING ..	New Plymouth, New Zealand.
	1892 Jan. 12.	SAXTON, THOMAS RICHARD ..	{ Lyndhurst, Townsend Rd., South Tottenham, N.
	1875 May 4.	SAYER, SAMUEL .. .. .	Miss Formby, Frindsbury, Rochester.
	1895 Dec. 3.	SCAFFE, THOMAS EARLE .. ..	N. E. Ry., Blyth, Northumberland.
	1894 Dec. 4.	SCHARSCHMIDT, SAMUEL THOMPSON	Hanbury, Shooter's Hill, Jamaica.
	1895 Mar. 5.	SCHEID, ALEXANDRE .. .. .	Rio d'Ouro Ry., Tinguá, Brazil.
	1884 Apr. 1.	SCHEID, HENRIQUE .. .. .	F. C. Central, Cascadura, Brazil.
	1892 Mar. 1.	{ SCHÉLE, ERNST GEORGE } ANGANTYR .. .. .	Jönköping, Sweden.
	1896 Feb. 4.	SCHENK, CHARLES EDWARD ..	5 Cwmdonkin Terrace, Swansea.
	1893 Apr. 11.	SCHLOESSER, ROBERT .. ..	
	1890 May 6.	{ SCHNEIDER, WILLIAM MARS- LAND FRANCIS, M.A. .. .. }	38 Stanhope Gardens, S.W.
	1891 Mar. 3.	SCHOFIELD, GEORGE ANDREW	Sicilian Railway Co., Palermo, Sicily.
	1889 Feb. 5.	*SCHOLEFIELD, ERNEST EDWARD	7 Gledhow Gardens, S.W.
	1887 May 3.	SCHOLES, EDWARD HORATIO ..	6 Manchester Rd., Bury, Lancs.
	1886 May 4.	{ *SCHÖNBERG, ALEXANDER } CHARLES .. .. .	{ 35 Parliament Street, S.W. (Quay- age, London.) [Pountney Hill, E.C.
	1888 May 1.	SCHURR, ALBERT EBENEZER ..	Fry, Miers & Co., 5 Laurence
	1889 Feb. 5.	SCHUSTERSCHITZ, FRANCISCO ..	Belem, Para, Brazil.
	1894 Dec. 4.	*SCHWARTZ, ALFRED .. .. .	Ivy House, Woodford Green.
	1893 Dec. 5.	SCHWOERER, EMILE .. .. .	Colmar, Alsace, Germany.
	1891 Apr. 7.	*SCLATER, ARTHUR WILLIAM ..	182 Oxford Street, W.
	1878 May 28.	SCLAVERANI, MICHELANGELO ..	{ Società Nazionale delle Officine, Savigliano, Italy.
	1880 Dec. 7.	*SCOBIE, MACKAY JOHN .. ..	Sir C. Forbes & Co., Bombay.
	1894 Feb. 6.	*SCONCE, HENRY ARCHIBALD KERR	Rajputana-Malwa Ry., Sirsa, Punjab.
	1889 May 21.	*SCORGIE, NORMAN .. .. .	Vestry Office, Rotherhithe, S.E.
t ✚	1890 Apr. 1.	SCOTT, ADAM .. .. .	City Eng.'s Office, Newcastle-on-Tyne.
	1877 Dec. 4.	*SCOTT, CECIL .. .. .	{ Bezwada - Madras Ry., Nellore, Madras.
	1892 Dec. 6.	*SCOTT, CECIL GRAHAM .. ..	86 Cornwall Gardens, S.W.
	1896 Feb. 4.	SCOTT, CHRISTOPHER ROBT. IND	Park House, Cambridge.
	1882 Mar. 7.	SCOTT, DONALD ALBERT .. ..	Beaconsfield Ho., Hingham, Norfolk.
	1883 Dec. 4.	SCOTT, FRANK WALTER .. ..	Woodcliffe Ho., Burgess Hill, N.W.
	1890 Jan. 14.	*SCOTT, F. WALTER, JUN. ..	{ 41 Christian Street, E. (Thirty- four, London. 4390.)
	1892 Feb. 2.	SCOTT, GEORGE HALL .. .. .	{ Sir John Jackson, H.M. Dockyard, Keyham, Devonport.
	1880 May 25.	*SCOTT, HUGH HAMILTON .. ..	Town Hall, Hove, Brighton.
	1894 May 1.	SCOTT, JAMES .. .. .	Drayton House, Daventry.
	1886 Dec. 7.	SCOTT, JESSE FRENCH .. ..	206 Stanstead Rd., Forest Hill, S.E.
✚	1888 Jan. 10.	*SCOTT, Prof. ROBERT JULIAN ..	Canterbury Coll., Christchurch, N.Z.
	1892 Mar. 1.	SCOTT, ROBERT SMITH .. ..	Town Surveyor, Bishop Stortford.
	1887 Apr. 5.	SCOTT, WILLIAM ARCHIBALD ..	11 Alexandra Rd., Southport.
	1895 Feb. 5.	SCOTT-BUSHE, ROBERT JOHN ..	P.W.D., Trinidad.
	1891 Dec. 1.	{ *SCOVELL, CHARLES THORNTON } RENNIE .. .. .	W. Watson & Co., Bombay.
	1895 Dec. 3.	SCRATCHLEY, ARTHUR JAMES	{ P.W.D., Western Jumna Canal, Delhi. [Algeria.]
	1884 Dec. 2.	SCRATCHLEY, HERBERT ARTHUR	British Vice-Consul, Philippeville,
	1895 Apr. 2.	SCRATTON, ALFRED .. .. .	Sole Street, near Gravesend.
	1878 Apr. 2.	*SCRIVEN, CHARLES WALTER ..	139 Queen's Park Rd., Brighton.
	1876 Feb. 1.	*SCRIVEN, WILLIAM HENRY ..	East Indian Ry., Calcutta.
	1894 Mar. 6.	SCRUTTON, LINDSAY .. .. .	J. Restrepo, Honda, U.S. Colombia.
m	1894 Feb. 6.	*SEALY-ALLIN, AURIOL .. ..	{ Bengal-Nagpur Ry., Kandra, C.P., India.
	1895 Apr. 2.	SEAMAN, CHARLES JOSEPH .. ..	Stockton Forge, Stockton-on-Tees.
	1888 Feb. 7.	SEARIGHT, GEORGE SAMUEL, B.E.	Shankill, co. Dublin.
	1874 Mar. 3.	*SEARLE, JOHN COOMBE .. ..	87 Devonport Rd., Shepherd's Bush.
	1894 Dec. 4.	*SEARS, ROBERT HUMPHRY, JUN.	East Indian Ry., Calcutta.

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## ASSOCIATE MEMBERS.

	1887 Dec. 6.	SEATON, WILLIAM SHARPEY ..	{ Montague House, Richmond, S.W. (Seaton, Richmond.)
	1894 Feb. 6.	*SEGRAIS, PAUL LE JUGE DE ..	{ Mare aux Vacoas Waterworks, Cure- pipe, Mauritius.
M m +	1889 Dec. 3.	*SEGUNDO, EDWARD CARSTENSEN DE .. .. .	{ 28 Victoria St., S.W. (Awesome, London.)
	1886 Mar. 2.	{ SELLO, STEPHEN PRESCOTT WHITE D'ALTE .. .. .	{ Broadway House, Westminster, S.W.
M +	1889 Feb. 5.	SENGOKU, MITSUGU, B. Sc. ..	Railway Dept., Tokio, Japan. [S.W.
	1884 May 27.	*SENNETT, ALFRED RICHARD ..	The Chalet, Portinscale Rd., Putney,
	1896 May 5.	SETTLE, JAMES AINSWORTH ..	Boro' Surveyor's Office, Bolton.
	1895 May 21.	SETTLE, JOEL .. .. .	Coal & Iron Co., Madeley, Staffs.
	1893 Dec. 5.	SEVERN, WILLIAM HENRY ..	9 Bridge St., Westminster. S.W.
	1880 Jan. 13.	*SEWELL, HENRY DE QUINCY ..	Port Arthur, Ont., Canada.
	1880 Dec. 7.	*SGOUTA, LUKE GEORGE ..	Athens.
	1886 Apr. 6.	*SHACKLEFORD, ARTHUR LEWIS	223 Bristol Rd., Birmingham.
	1895 Dec. 3.	SHAND, ALEXANDER .. ..	Highland Railway, Inverness.
	1882 Apr. 4.	*SHAND, JAMES TILLEY .. ..	75 Upper Ground St., S.E.
	1893 Jan. 10.	*SHARMAN, JOHN ROXBURGH ..	Eng.'s Office, Midland Ry., Derby.
T t +	1893 Dec. 5.	*SHARMAN, PHILIP ALAN ..	9 Bridge St., Westminster, S.W.
	1887 Dec. 6.	*SHARP, ARCHIBALD, Wh.Sc., B.Sc.	13 Fairlawn Grove, Chiswick, W.
	1893 Feb. 7.	*SHARP, FREDERIC DAVID ..	Stundland, Park Road, Loughboro'.
+ +	1879 Feb. 4.	SHARP, WILLIAM .. .. .	Invercargill, New Zealand.
	1887 Apr. 5.	SHARPE, ROBERT .. .. .	100 Fitzroy Avenue, Belfast.
	1885 May 19.	*SHAW, EDWARD, Wh. Sc. ..	6 Cornwallis Cres., Clifton, Bristol.
	1890 Dec. 2.	SHAW, FREDERICK GEORGE ..	{ Bainbridge, Seymour & Co., 13 St. Helen's Place, E.C.
	1886 Jan. 12.	*SHAW, GEORGE HERBERT, Wh.Sc.	Trinity House, Tower Hill, E.C.
	1890 Apr. 1.	*SHAW, HERBERT .. .. .	Town Hall, Tadmorden.
	1888 Dec. 4.	SHAW, JAMES JOSEPH .. ..	Dr. Shaw, Geelong, Victoria.
	1886 Feb. 2.	SHAW, JOHN HOWARD .. ..	Sandford, Wareham.
	1894 Feb. 6.	SHAW, PERCY WILLIAM .. ..	Tramway Construction Dept., Syd-
	1879 Feb. 4.	*SHAW, SAM .. .. .	Dewsbury. [ney, N.S.W.
	1877 Apr. 10.	*SHAW, WILLIAM EDWARDS ..	Albrighton, near Wolverhampton.
	1879 Feb. 4.	*SHAW, GEORGE AUGUSTUS GRANT	H. S. King & Co., 45 Pall Mall, S.W.
	1895 Jan. 8.	*SHEARD, WILLIAM CURWEN ..	20 Elm Road, Heaton Chapel, Lanes.
	1882 Dec. 5.	*SHEARS, JAMES CHARLES ..	7 Uxbridge Road, Surbiton.
m +	1894 Dec. 4.	*SHEFFIELD, GEORGE HARRISON	{ Bristol Ter., Beech Grove, New- castle-on-Tyne.
	1889 Dec. 3.	*SHEFFIELD, ROBERT STONEY ..	16 Kidbrook Grove, Blackheath, S.E.
	1895 Apr. 2.	{ *SHEILDS, FRANCIS ERNEST WENTWORTH .. .. .	{ Engineer's Office, Docks, South- ampton.
	1888 Feb. 7.	SHELDON, FRANK .. .. .	Wells, Somerset.
	1887 Dec. 6.	SHELDON, PERCY JOHN .. ..	The Chantry, Springfield, Chelmsford.
	1892 Jan. 12.	SHELDON, WILLIAM JOHN, Jun.	São Paulo Ry., São Paulo, Brazil.
	1879 Feb. 4.	SHELDON, JAMES THOMAS ..	13 Miskin Rd., Dartford, Kent.
	1895 May 21.	*SHEPHERD, JOSEPH .. .. .	12 Shaftesbury Terrace, Glasgow.
t +	1883 Feb. 6.	SHEPPARD, HERBERT GURNEY	Kenah-Assouan Ry., Upper Egypt.
	1892 Dec. 6.	SHEPPARD, THOMAS CLIVE ..	{ Ajustes de Ferro Carriles, Can- gallo 536, Buenos Ayres.
	1883 Jan. 9.	SHERMAN, CHARLES BELLI BIVAR	5 Medway Vils., New Brompton, Kent.
	1885 Dec. 1.	*SHIELD, ARTHUR HINDHAUGH	35A Great George Street, S.W.
	1892 May 3.	SHIRLAW, ANDREW .. .. .	Suffolk Wks., Oozells St., Birming'm.
	1877 Apr. 10.	SHONE, ISAAC .. .. .	47 Victoria Street, S.W. (Gradients,
	1891 Dec. 1.	*SHOOSMITH, HARRY, Wh. Sc. ..	52 Mark Lane, E.C. [London.)
	1883 May 1.	SHORT, FRANCIS JOB .. ..	56 Brook Green, W. [chester.
	1884 Dec. 2.	*SHUTTLEWORTH, FRANK HENRY	District Council, Littleboro', Man-
	1894 Dec. 4.	SIBBALD, JAMES .. .. .	35 Commercial St., Dundee.
	1889 Dec. 3.	*SIDEBOTHAM, JAMES NASMYTH	Parkfield, Altrincham, Cheshire.
	1887 Feb. 1.	*SILCOCK, EDWARD JOHN ..	Boro' Surveyor, King's Lynn.
	1888 Apr. 10.	*SILK, ALBERT EDWARD .. ..	King, Hamilton & Co., Calcutta.
	1891 Dec. 1.	{ *SILLEM, CHARLES FREDERICK, B.A. .. .. .	{ 1 Queen's Gate Gardens, S.W.

	Date of Election.	ASSOCIATE MEMBERS.	
	1891 Apr. 7.	*SILLEM, WILLIAM .. ..	194 Cromwell Road, S.W.
	1884 Jan. 8.	SILVERTHORNE, ARTHUR .. ..	5 Victoria St., S.W.
	1894 Apr. 3.	*SIMITOPOULOS, ELIAS DEMETRIUS	Chief Engineer, Samos.
	1892 Mar. 1.	SIMMANCE, JOHN FREDERICK ..	223 The Grove, Hammersmith, W.
	1895 May 21.	SIMMELKJAER, SOPHUS .. ..	18 Pemberton Gardens, N.
	1891 May 5.	SIMPKINS, WILLIAM, B.Sc. ..	14 Livingstone Place, Edinburgh.
	1889 Dec. 3.	*SIMPSON, AUGUSTUS JOHN ..	Vale Place, Haverhill, Suffolk.
	1895 May 21.	*SIMPSON, CHARLES EDWARD ..	30 The Green, Stratford, E.
	1888 Feb. 7.	*SIMPSON, CHARLES LIDDELL ..	{ 101 Grosvenor Road, S.W. (Aqosity, London.)
	1890 Dec. 2.	SIMPSON, EDWARD MARSH ..	Correo Casilla 796, Buenos Ayres.
	1879 Dec. 2.	*SIMPSON, FRED .. ..	Casilla 144, G.P.O., Buenos Ayres.
	1889 Jan. 8.	SIMPSON, HENRY EDWIN ..	4 Penmartin Road, Brockley, S.E.
	1891 Apr. 7.	SIMPSON, WILLIAM HENRY ..	26 Friar Lane, Leicester.
	1887 Mar. 1.	*SIMSON, DAVID .. ..	Apartado 566, Havana, Cuba.
	1891 Dec. 1.	SINCLAIR, ALEXANDER ..	Hafod Works, Swansea.
✦	1892 Dec. 6.	SINCLAIR, JOHN SMART ..	Town Hall, Widnes.
	1892 May 24.	SINGH, <i>Rai Sahib</i> , BAKHSI RAM	P. W. D., Gujranwalla, Punjab.
	1893 Dec. 5.	*SINNOTT, EDWARD STOCKLEY ..	Port Talbot Ry., Maesteg, Glam.
	1888 Dec. 4.	*SKELTON, ROBERT .. ..	Municipality, Colombo, Ceylon.
	1892 Dec. 6.	*SKINNER, HARRY ROSS ..	{ Durban-Roodepoort Mining Co., Johannesburg, Transvaal.
	1894 Feb. 6.	SKINNER, HERBERT WILFRID ..	P.W.D., Harbours and Rivers, Syd-
	1891 Dec. 1.	SKIPTON, JOHN GERVAIS ..	Athlone, Ireland. [ney, N.S.W.
	1876 Dec. 5.	SLADE, FREDERICK .. ..	Beckford, Tewkesbury.
	1896 May 5.	*SLADE, ROBERT HOLROYD ..	14 Springfield Mount, Leeds.
	1883 Dec. 4.	*SLADE, WALTER EDWARD ..	{ Eng.-in-Chief's Office, Adelaide, So. Australia.
	1896 Feb. 4.	*SLATER, JOSEPH .. ..	City Engineer's Office, Manchester.
	1892 Dec. 6.	SLAUGHTER, FREDERICK WILLIAM	84 Tressillian Rd., Brockley, S.E.
	1877 Mar. 6.	*SMALL, JAMES MILN .. ..	17 Victoria Street, S.W.
	1885 May 5.	SMALLMAN, HENRY FRANCIS	P.W.D., Ferozepore, Punjab.
m ✦	1884 Dec. 2.	*SMART, EDGAR .. ..	Smart & Son, 16 Basinghall St., E.C.
	1893 Dec. 5.	SMEATON, STIRLING, B.A. ..	Littlehampton, South Australia.
	1886 Feb. 2.	*SMELT, JOHN DANN .. ..	{ Argentine Gt. Western Ry. Co., 4 Finsbury Circus, E.C.
	1889 Dec. 3.	*SMITH, ALBERT CASSON .. ..	Town Hall, So. Melbourne, Victoria
	1896 Apr. 14.	SMITH, ALEXANDER .. ..	Galvez, Santa Fé, Argentina.
	1894 Dec. 4.	{ *SMITH, ALEXANDER ARTHUR DALRYMPLE, B.Sc. .. .. }	7 Kensington Terrace, Sunderland.
	1882 Mar. 7.	SMITH, ARTHUR KEEN .. ..	L. D. & E. C. Ry., Clown, Chesterfield.
	1876 May 30.	*SMITH, ARTHUR TOULMIN ..	{ Ludwig & Smith, Miasnitzkaia St., Moscow.
	1888 Feb. 7.	SMITH, BASIL EUSTACE .. ..	Central Uruguay Ry., Monte Video.
	1891 May 5.	*SMITH, BERTRAM ROBERT ..	45 Princes Gardens, S.W.
	1885 Feb. 3.	*SMITH, CECIL ARCHIBALD ..	Binny & Co., Madras.
	1894 Feb. 6.	*SMITH, CHARLES CLEMESHA ..	Grovedene, Headingley, Leeds.
	1887 Feb. 1.	SMITH, CYRIL .. ..	Puntarenas, Costa Rica.
	1886 Dec. 7.	*SMITH, FRANK MARTIN ..	Rds. & Bridges Dept., Sydney, N.S.W.
	1896 Apr. 14.	SMITH, FREDERICK HENRY ..	{ Surrey Commercial Docks, Rother- hithe, S.E.
	1895 Dec. 3.	SMITH, GEORGE WILLIAM ..	Port Elizabeth, Cape Colony.
	1877 Dec. 4.	SMITH, GUY .. ..	10 Marine Parade, Eastbourne.
	1893 Dec. 5.	*SMITH, HAROLD DUKE .. ..	Eng.'s Off., G.W. Ry., Paddington, W.
	1893 Dec. 5.	*SMITH, HARRY COLVIN .. ..	M.S. & L. Ry., Brackley, Northants.
	1879 May 27.	SMITH, HENRY ROBERT ..	Portsmouth Water Co., Southsea.
	1896 Jan. 14.	{ *SMITH, HENRY VAUGHAN CRAWFURTH .. .. }	2 Westbourne Villas, West Brigh- ton.
	1885 Dec. 1.	*SMITH, JAMES CAMPBELL ..	Boro. Surveyor, Bury St. Edmunds.
	1894 Dec. 4.	SMITH, JAMES GOULD .. ..	Vestry Hall, Islington, N.
	1891 May 5.	*SMITH, JOHN, Wh.Sc. .. ..	Co. Surveyor's Off., Ballinasloe.
	1876 Jan. 11.	SMITH, JOHN HUME .. ..	County Council, Belvedere Rd., S.E.
	1891 Feb. 3.	SMITH, RICHARD WILLIAM ..	Dist. Eng., Kurunegala, Ceylon.



Date of Election.		ASSOCIATE MEMBERS.	
	1883 May 29.	SMITH, ROBERT .. ..	Radcliffe Street, Blackpool.
t	1881 May 3.	{ SMITH, <i>Prof.</i> ROBERT HENRY, Wh. Sec. .. ..	124 Hagley Road, Birmingham.
	1889 Apr. 2.	*SMITH, ROGER THOMAS, B.Sc.	{ Cie. Hydro-électrique Auvernoise, 59 Place de Meir, Antwerp.
	1879 Dec. 2.	SMITH, THOMAS .. ..	P.W.D., Colombo, Ceylon.
	1888 Feb. 7.	SMITH, THOMAS READER ..	District Council, Kettering.
	1891 Apr. 7.	SMITH, THOMAS RHYNS ..	671 Kingsbridge Rd., New York, U.S.
	1895 Jan. 8.	SMITH, T. RIDSDILL ..	10 Crown Terrace, Anlaby Rd., Hull.
	1874 Apr. 14.	SMITH, URBAN ARMSTRONG ..	{ 41 Parliament Street, S.W. (Urban, Smith, London.)
+	1881 May 31.	*SMITH, WALTER .. ..	Belvedere, East Dulwich Grove, S.E.
	1891 Feb. 3.	SMITH, WILLIAM .. ..	Sewerage Branch, Sydney, N.S.W.
	1891 Jan. 13.	{ SMITH, WILLIAM CHARLES CLIFFORD .. ..	Dudley Lodge, Wallington.
	1886 May 4.	{ *SMITH, WILLIAM CHARLES ERNEST .. ..	Lombardy Rys., Lodi, Italy.
	1883 Dec. 4.	SMITH, WILLIAM HOWARD ..	City Surveyor, Carlisle.
	1895 Dec. 3.	*SMITH, WILLIAM WARREN ..	{ 4 Imperial Chambers, Coolgardie Western Australia.
	1890 Dec. 2.	{ *SMITH - SAVILLE, ROBERT WILLIAM .. ..	Municipal Offices, Burton-on-Trent.
	1892 Apr. 5.	SMYTH, JAMES STEVENSON ..	Ry. Dept., Bangkok, Siam.
	1890 Jan. 14.	SNELL, ALBION THOMAS ..	South View, Brondesbury Rd., N.W.
	1887 Apr. 5.	SNELL, HARRY .. ..	Stanwell Rd., Penarth, Cardiff.
	1884 May 27.	*SNELL, HENRY DE MORGAN ..	Caixa do Correo 792, Rio de Janeiro.
	1895 Mar. 5.	{ *SNELL, JOHN FRANCIS CLEVERTON .. ..	Electric Light Station, King's Rd., St. Paneras, N.W.
	1896 Feb. 4.	{ *SOBBE, FERDINAND AUGUSTUS VON .. ..	4 Belvedere Road, Liverpool.
	1881 Dec. 6.	*SOLLY, HUBERT LE GAY ..	Bells, Wimborne.
	1883 Feb. 6.	SOLOMON, MAURICE .. ..	{ Eng.'s Office, L. B. & S. C. Ry., London Bridge, S.E.
	1887 May 24.	SORABJEE, SHAPURJEE .. ..	Ransome & Co., 49 Leadenhall St., E.C.
	1882 Feb. 7.	{ SORABJI, Khan Bahadur Dr. BOMANJI .. ..	8 Grant Rd., Bombay.
	1881 May 31.	SOTO, PEDRO NOLASCO DE ..	Ferro Carril de Zafra, Huelva, Spain.
	1872 Dec. 3.	SOUTHAM, ARTHUR .. ..	144 High Street, Clapham, S.W.
	1883 Apr. 3.	SOUTTER, PETER WILLIAM ..	Port Commr.'s Office, Calcutta.
	1885 May 19.	{ SOUZA, AYRES POMPEO CAR- VALHO DE .. ..	144 Rua Rezende, Rio de Janeiro.
+	1849 May 1.	*SOWERBY, WILLIAM .. ..	32 Capel Road, Forest Gate, E.
	1894 Mar. 6.	SPARKS, CHARLES PRATT ..	27 Charterhouse Square, E.C. [S.W.]
	1893 Feb. 7.	*SPARKS, IVON ALGERNON ..	R. E. Middleton, 17 Victoria St., Dunlce, Tottenhall Road, Wolver- hampton.
	1894 Jan. 9.	*SPENCE, WILFRID L. .. ..	7 Peterboro' Terrace, Harrow.
	1890 Mar. 4.	*SPENCER, CHARLES TALLENT ..	91 Haworth's Buildings, Manchester.
	1890 Dec. 2.	*SPENCER, HENRY BATH .. ..	
	1875 Feb. 2.	{ SPENCER, HERBERT GEORGE HAMMOND .. ..	Elm Bank, St. Saviour's, Jersey.
	1876 May 30.	SPENCER, JOHN PHILIP .. ..	Tynemouth.
	1894 May 22.	{ *SPENCER, LEONARD GRANTLEY PAOLI .. ..	Assam-Bengal Ry., Barlika, Assam.
	1895 May 21.	{ SPENCER, THOMAS WILLIAM LORAIN .. ..	D.P.W., Roads' Office, Armidale, N.S.W.
	1895 Dec. 3.	{ *SPENCER-STANHOPE, PHILIP BERTIE, B.A. .. ..	28 Canning Street, Liverpool.
	1880 Apr. 6.	*SPIELMAN, ISIDORE .. ..	3 Westbourne Crescent, Hyde Pk., W.
	1861 Mar. 5.	SPERS, JOSEPH .. ..	17 Victoria Street, S.W.
	1877 Dec. 4.	SPINDLER, HENRY LEWIS ..	Port Elizabeth, C.C. [Leeds.]
	1883 Jan. 9.	*SPINKS, WILLIAM .. ..	The Chesnuts, Far Headingley,
	1885 Jan. 13.	SPOONER, HENRY JOHN .. ..	309 Regent Street, W.

Date of Election.	ASSOCIATE MEMBERS.	
1895 Feb. 5.	SQUIRE, SAMUEL NATHANIEL..	Wivenhoe, Colchester.
1886 Jan. 12.	*STABLES, EDWARD .. ..	Perth, Western Australia.
1895 Jan. 8.	STACEY, HENRY EDMUND ..	Engineer's Office, Guildhall, E.C.
1891 Dec. 1.	*STAINFORTH, GEORGE MAYNARD	Casilla 473, San José, Costa Rica.
1894 Dec. 4.	STAINTHORPE, THOMAS WILLIAM	2 Turner St., Coatham, Redcar.
1894 May 22.	STANTON, FRANCIS CHARLES..	105 Leadenhall Street, E.C.
1895 May 21.	*STALLARD, SIDNEY .. ..	District Council, Barming, Maidstone
1888 Feb. 7.	*STALLIBRASS, EDWARD .. ..	15 Basinghall Street, E.C.
1896 Feb. 4.	*STAMP, CHARLES .. ..	{ City Surveyor's Office, Bower Spring Sheffield.
1891 Dec. 1.	{ *STANFIELD, Prof. RICHARD, Wh. Sc., F.R.S.E. .. .. }	Heriot-Watt College, Edinburgh.
1890 Jan. 14.	STANFORD, WALTER JOHN, B.E.	Tipperary Gold Co., Macetown, Otago
1878 Feb. 5.	STANGER, GEORGE HURST ..	North Street, Wolverhampton. [N.Z.]
1890 Feb. 4.	STANLEY, WILLIAM HENRY ..	Sunnycroft, Trowbridge, Wilts.
1880 Dec. 7.	STANNARD, ARTHUR .. ..	Spring House, Merton, S.W.
1886 Dec. 7.	*STANSFELD, ALFRED WOLRYCHE	32 Newmarket St., Skipton-in-Craven
1894 Feb. 6.	STANTON, THOMAS ERNEST, B.Sc.	Owens College, Manchester.
1892 Feb. 2.	*STAPLES, SYDNEY FRANCIS ..	87 Avenue Road, N.W.
1868 Dec. 1.	STATHAM, EDWYN JOSEPH ..	Herbert St., Rockdale, N.S.W.
1895 Apr. 2.	*STATHAM, HUGH WORTHINGTON	D.P.W., Gosford, N.S.W.
1894 Dec. 4.	*STATHAM, WILLIAM BLACKWALL	{ Wildridge & Sinclair, 97 Pitt Street Sydney, N.S.W.
1888 May 1.	*STATTER, JOHN GRICE .. ..	68 Victoria Street, S.W. [N.S.W.]
1893 Feb. 7.	STAWELL, JONAS MOLESWORTH	Ry. Construction Dept., Sydney
1892 Feb. 2.	STEANE, WILLIAM PERCY ..	{ 562 Collins St. W., Melbourne Victoria.
1893 Mar. 7.	STEPHEN, FREDERIC WILBER..	Ry. Dept., Petersburg, So. Australia
1883 May 29.	*STEPHEN, JAMES BROWN..	49 Millman St., Guilford St., W.C.
1894 May 1.	STEPHEN, JAMES HENRY ..	Leigh, Lancs.
1882 Mar. 7.	*STEPHEN, KENT HUME .. ..	46 Holland Park, W.
1886 Dec. 7.	{ STEPHENS, FREDERICK OR- LANDO .. .. }	Thomson, Watson & Co., Cape Town C.C.
1894 Dec. 4.	*STEPHENS, HOLMAN FRED ..	Waterworks, Cranbrook, Kent.
1888 Dec. 4.	*STEPHENSON, EDMUND PALEY	District Council, Llandudno.
1887 May 3.	{ STEPHENSON, JOSEPH GURDON LEYCESTER .. .. }	6 Drapers Gardens, E.C. (Fluvium London.)
1894 Dec. 4.	*STEPHENSON, RALPH HARRY ..	17 Pembroke St., Toronto, Canada.
1886 Feb. 2.	*STERLING, WILLIAM .. ..	61 Lord St., Liverpool.
1871 Dec. 5.	{ STEVENS, FREDERICK WILLIAM, C.I.E. .. .. }	Green St., Elphinstone Circle, Bon- bay.
1885 May 5.	STEVENS, PERCIVAL .. ..	P.W.D., Port of Spain, Trinidad.
1869 Jan. 12.	STEVENS, WARWICK ALAN ..	237 Southwark Bridge Rd., S.E.
1874 Apr. 14.	STEVENSON, JOHN .. ..	Wharf House, Port Talbot, S. Wales
1881 Mar. 1.	STEVENSON, SIDNEY EVANCE ..	Gas Co., Cape Town, C.C.
1890 May 20.	STEWART, ALEXANDER .. ..	Broken Hill Mines, N.S.W.
1891 Dec. 1.	*STEWART, ALEXANDER .. ..	Burgh Eng.'s Dept., Edinburgh.
1883 Apr. 3.	STEWART, CHARLES EDWARD ..	1 Whitehall Gardens, S.W.
1891 Apr. 7.	STEWART, CHARLES EDWARD..	4 Park Hall Rd., East Finchley, 2
1896 Jan. 14.	STEWART, CHARLES NIGEL ..	39 Victoria Street, S.W.
1894 Feb. 6.	STEWART, JOHN EDWIN ..	Melrose, Trowels Lane, Derby.
1892 Apr. 5.	STEWART, JOHN VAUGHAN ..	Downshire Rd., Holywood, Belfast
1891 Dec. 1.	*STEWART, THOMAS .. ..	24 Thorndale Avenue, Belfast.
1889 Jan. 8.	*STICKLAND, ERNEST ALBERT	Boro' Surveyor, Newbury.
1892 Dec. 6.	*STILGOE, HENRY EDWARD ..	Borough Engineer, Dover.
1895 Feb. 5.	*STILL, ALFRED .. ..	Bowgreen Farm, Bowdon, Cheshire
1893 May 2.	*STILL, PERCY .. ..	{ Chelsea Electricity Co., 19 Cadogan Gardens, S.W.
1890 Dec. 2.	STILWELL, ARTHUR WILLIAM	East Orange, N.S.W.
1892 Apr. 5.	*STOCKEN, ALFRED LEONARD ..	{ Lacrois, Fils et Cie., Mazères-sur- Salat, France.
1891 May 5.	STOCKMAN, BENJAMIN .. ..	2 Torrington Pk. Vils., No. Finchle
1893 Dec. 5.	STOCKMAN, HARRY READ ..	Thorndean, Leyburne Road, Dove

Date of Election.		ASSOCIATE MEMBERS.	
✱	1878 Feb. 5.	*STOESS, CHARLES ANTHONY ..	New Westminster, British Columbia.
	1895 Dec. 3.	*STOKER, GILBERT .. .. .	L. & N. W. Ry., Walsall.
m ✱	1885 Dec. 1.	*STOKES, FREDERICK WILFRID SCOTT .. .. .	27 Avonmore Rd., W. Kensington, W.
	1859 Dec. 6.	STOKES, JAMES FOLLIOTT ..	3 Prince's St., Westminster, S.W.
	1889 Jan. 8.	*STOKOE, EDWARD RICHMOND ..	Kuala Lumpur, Selangore, S.S.
	1886 Apr. 6.	*STONE, FRANK HOLMES .. ..	G.P.O., Freetown, Sierra Leone.
	1886 Apr. 6.	*STONE, EDWARD AUGUSTUS ..	Penola, South Australia.
	1894 Dec. 4.	*STONE, EDWARD DUNCAN ..	Tumbricane, Ipswich.
	1896 Feb. 4.	STONE, GEORGE GERALD ..	118 Meldon Terrace, Heaton, New- castle-on-Tyne.
✱	1873 Mar. 4.	STOOKE, THOMAS SULLOCK ..	31 St. John's Hill, Shrewsbury.
	1888 Dec. 4.	*STOUGHTON, PERCY KENDALL ..	Audley, Park Gardens, Bath.
	1893 Dec. 5.	*STOUGHTON, ATHELSTAN PHILIP JOSEPH .. .. .	9 Bella Vista, Rio Tinto, Huelva, Spain.
	1892 May 3.	*STOWELL, FREDERICK CHARLES JOSEPH .. .. .	237 Southwark Bridge Rd., S.E.
	1874 Feb. 3.	*STRACHAN, JOHN .. .. .	29 The Walk, Cardiff.
	1892 Jan. 12.	STRACHEY, RICHARD SHOLTO ..	Assam-Bengal Ry., Shillong, Assam.
	1888 May 15.	STRAIN, JOHN LOUDON .. ..	Court House Chambers, Buxton.
	1879 Feb. 4.	*STRAKER, CHARLES EDMUND, M.A. .. .. .	High Warden, Hexham.
	1895 Dec. 3.	STRAKER, SIDNEY .. .. .	139 Cannon Street, E.C.
	1889 Dec. 3.	*STRANGE, ALEXANDER BUR- ROUGHS .. .. .	Madras Ry., Podanur, India.
	1883 May 29.	*STRANGE, WILLIAM LUMSDEN	1 Beacon Villa, Felixstowe.
	1885 Dec. 1.	STRAPP, WALTER .. .. .	15 Rue Portalis, Paris.
	1894 Dec. 4.	*STRIDE, HERBERT WALTER ..	Holly Lodge, Upminster.
	1890 May 6.	*STRINGFELLOW, WILLIAM ..	District Council, East Cowes, I.W.
Tt ✱	1885 Dec. 1.	*STRONEYER, JOHANN PHILIP EDMUND CHARLES .. ..	Lloyd's Register, 342 Argyle St. Glasgow.
	1883 Feb. 6.	*STRONGE, CHARLES .. .. .	F. C. Porto Alegre, São Leopoldo,
	1869 Feb. 2.	STRONGITHARM, AUGUSTUS HORACE	Barrow-in-Furness. [Brazil.
	1882 May 23.	*STUART, Prof. JAMES, M.A., LL.D., M.P. .. .. .	24 Grosvenor Road, S.W.
	1885 Apr. 14.	STUBBS, JOHN PEMBERTON ..	43 Wroughton Rd., Ballham, S.W.
	1883 Dec. 4.	STUBBS, WILLIAM .. .. .	Boro' Surveyor, Over Darwen.
	1890 Dec. 2.	*SUAREZ, PEDRO .. .. .	Ingeniero Primero de Caminos, Riber- alta, Rio Beni, Bolivia.
	1894 Dec. 4.	*SUBRAHMANYAM AIVAR, S.A., Rai Sahib, B.A., B.E.	Arbuthnot & Co., Madras.
	1894 Jan. 9.	SUGGATE, ALFRED .. .. .	33 Villa Road, Brixton, S.W.
	1891 Jan. 13.	SUGGATE, FREDERICK CHENERY	65 Empire Rd., Sharrow, Sheffield.
	1883 Jan. 9.	*SUMMERSCALE, ALFRED .. ..	Byfield, Northants. [S.E.
	1892 Dec. 6.	SUMNER, FRANK .. .. .	Town Hall, Spa Rd., Bermondsey,
	1882 Jan. 10.	*SUMNER, HERBERT GEORGE ..	E. F. Conde d'Eu, Parahyba do Norte, Brazil.
	1895 Jan. 8.	*SUTCLIFFE, FREDERICK WILLIAM	Oak Hill, Burnley, Lanes.
	1896 Mar. 3.	*SUTCLIFFE, JOHN .. .. .	Asst. Boro. Surveyor, Warrington.
	1895 Dec. 3.	*SUTHERLAND, JAMES .. .. .	P.W.D., Moulmein, Burma.
	1894 May 22.	SUTHERLAND, JOHN ROBERTSON	45 John Street, Glasgow.
	1886 Dec. 7.	SUTTON, JOSEPH WALKER ..	36 Bedford St., Strand, W.C.
	1895 Dec. 3.	SUTTON, JOHN BLIGH .. ..	Govt. Rys., Bathurst, N.S.W.
✱	1885 Mar. 3.	*SWAINSON, JOHN HENRY ..	26 Holt Street, Wrexham.
	1894 Mar. 6.	*SWAN, HERBERT ARTHUR ..	Box 69, Johannesburg, Transvaal.
✱	1883 Dec. 4.	*SWARRICK, JOSEPH .. .. .	33 Brazenose Street, Manchester.
	1886 Dec. 7.	*SWINDLEHURST, JOSEPH EAVES	Boro' Engineer, Burton-on-Trent.
	1890 Jan. 14.	*SWINTON, ALAN ARCHIBALD CAMPELL .. .. .	66 Victoria Street, S.W. (Dunamis, London. 3,156.)
	1892 Dec. 6.	*SYKES, CHARLES FREDERICK, F.C.H. .. .. .	King, King & Co., Bombay.
✱	1888 Dec. 4.	SYKES, CLEMENT MORISCRIPT ..	{State Engineer, Rajpipla State, Bombay.

Date of Election.		ASSOCIATE MEMBERS.	
1888 Jan. 10.	SYKES, EDWARD .. ..	District Council, Cheadle, Manchester	
1892 Mar. 1.	*SYMONS, PERCY WILSON ..	113 Cannon Street, E.C.	[S.W.]
1894 Mar. 6.	SYMONS, DIOGO ANDREW ..	34 Christchurch Rd., Streatham Hill	
1890 Mar. 4.	{*SYNGE, ROBERT ANTHONY, B.A. I. .. .. .}	Cañilla 55, Rosario de Santa Fé	Argentina.
1888 Dec. 4.	SYSON, ROBERT COCKBURN ..	Tanjore, India.	
1895 Jan. 8.	*TABOR, EDWARD HENRY ..	Worsley, near Manchester.	
m ✕ 1891 Dec. 1.	{*TAIT, WILLIAM ARCHER PORTER, B.Sc. .. ..}	Leslie & Reid, 72A George Street	Edinburgh.
1887 Dec. 6.	TAITE, JOHN CHARLES .. ..	63 Queen Victoria Street, E.C.	
1893 Apr. 11.	TALBOT, ERNEST .. ..	5 Victoria Street, S.W.	
1895 Dec. 3.	TALBOT, JAMES .. ..	{42 Eagle Chams., King William St., Adelaide, S. Australia.	
T t ✕ 1890 Dec. 2.	TANABE, SAKURO, M.E. ..	Eng. Coll., University, Tokio, Japan.	
1882 Dec. 5.	TANDY, JOHN O'BRIEN .. ..	{4 Wellington Villas, Wellington Square, Crewe.	
1886 Dec. 7.	TAPLAY, HERMAN .. ..	11 Mill Bank, Wellington, Salop.	
1886 Apr. 6.	TAPSCOTT, ROBERT LETHBRIDGE	62 Croxeth Road, Liverpool.	
1896 Mar. 3.	*TARGET, FELIX ALEXANDER ..	50 Old Broad Street, E.C.	
1891 Dec. 1.	TATE, HERBERT WILLIAM ..	8 Bignor St., Cheetham, Manchester.	
1893 Dec. 5.	TATE, JOHN .. ..	Recife & São Francisco Ry.,	
1887 Jan. 11.	TATE, WALTER HOWARD ..	Taiping, Perak, S.S. [Pernambuco.	
1893 Dec. 5.	{TAYLER, ALEXANDER JAMES WALLIS .. .. .}	124 Chancery Lane, W.C. (Improv- ably, London.)	
1885 Feb. 3.	TAYLOR, CHARLES .. ..	{Friars Field Villas, Derby. (Taylor, Gas, Derby.) [age, London.)	
1887 Apr. 5.	*TAYLOR, GOTFRED MIDGLEY ..	27 Great George Street, S.W. (Water-	
1887 May 3.	*TAYLOR, GUY NOBLE .. ..	Nizam's Ry., Secunderabad, India.	
1887 Dec. 6.	*TAYLOR, HAROLD BLAKE, F.C.H.	{Goona Bara and Kotah Ry., Saugor, C.P., India.	
1885 May 19.	TAYLOR, HENRY .. ..	District Council, Clevedon, Somerset.	
1880 Mar. 2.	*TAYLOR, JAMES NAAMAN ..	Eng.'s Off., G. W. Ry., Taunton.	
1880 Dec. 7.	TAYLOR, JOHN HENRY .. ..	Borough Surveyor's Off., Barnsley.	
1886 Apr. 6.	*TAYLOR, ROBERT CHARLES ..	St. James's Gate Brewery, Dublin.	
1886 Jan. 12.	TAYLOR, ROBERT HENRY ..	Garfield Lodge, Stoke, Devonport.	
1886 Apr. 6.	*TAYLOR, WALTER .. ..	G.H. Hill, Albert Chams., Manchester.	
1866 Dec. 4.	TAYLOR, WILLIAM BOUNGER	Coomoor, Coombe Pk., Weston, Bath.	
1889 May 7.	*TAYLOR, WILLIAM JAMES ..	1 Rose Road, Southampton.	
1893 Mar. 7.	*TAYLOR, WILLIAM OSWALD ..	Bengal-Nagpur Ry., Nagpur, India.	
1879 Apr. 1.	TEASDEL, JAMES EDWIN ..	3 Queen St., Great Yarmouth.	
1886 Feb. 2.	*TEMPEST, PERCY CROSLAND ..	S. E. Ry., 9 St. Thomas's St., S.E.	
1891 May 5.	TEMPLER, CHARLIE LIONEL ..	Allesley, King Charles Rd., Surbiton.	
1886 May 18.	{*TEMPLETON, EDWIN ARTHUR SLADE, M.A. .. .. .}	42 Boscombe Rd., Shepherd's Bush.	
1888 Dec. 4.	*THOMAS, ARTHUR DREW ..	La Dorada Ry., Honda, U.S. Columbia.	
1881 Feb. 1.	THOMAS, CHARLES HENRY ..	{Brecon & Merthyr Ry., Tredegar Chambers, Newport, Mon.	
1881 May 31.	THOMAS, CHARLES NEUMANN ..	Surveyor General's Off., Cape Town.	
1896 May 5.	THOMAS, DAVID PROSSER ..	{Islwyn House, Llantwit Vardre, Pontypridd.	
1891 Apr. 7.	THOMAS, ELIJAH, Ch. Eng. R.N.	217 High Street, Sheerness.	
1886 Dec. 7.	*THOMAS, FRANCIS SALES, ..	Belle Grove Park, Welling, Kent.	
1877 May 29.	THOMAS, HERBERT OLIVER ..	Town Hall, Woolwich.	
1880 May 4.	THOMAS, JAMES DONNITHORNE	25A Old Broad St., E.C. (Koorunga,	
1890 Dec. 2.	THOMAS, JOHN .. ..	27 Finsbury Ter. Swansea, [London.)	
1860 May 22.	THOMAS, JOSEPH LEE .. ..	2 Hanover Ter., Ladbroke Sq., W.	
1883 Dec. 4.	THOMAS, PHILIP ALEXANDER ..	35 Queen Victoria Street, E.C.	
1889 Dec. 3.	THOMAS, ROBERT JOHN ..	County Surveyor, Aylesbury.	
1889 Dec. 3.	THOMAS, THOMAS JAMES ..	Town Surveyor, Ebbw Vale, Mon.	
1891 Mar. 3.	THOMAS, TREVOR FALCONER ..	59 Mount Stuart Square, Cardiff.	
1876 Dec. 5.	*THOMAS, WALTER .. ..	1 Above Bar Street, Southampton.	

Date of  
Election.

## ASSOCIATE MEMBERS.

	1889	May	7.	THOMAS, WILLIAM .. .. .	Penelvan, Camborne, Cornwall.
	1887	Jan.	11.	{THOMAS, WILLIAM EDMOND CLASON .. .. .}	Cringallt, Neath, South Wales.
	1893	May	2.	*THOMASSON, LUCAS .. .. .	Cotlands, London Colney, St. Albans.
	1887	Dec.	6.	THOMLINSON, JOHN HUTTON ..	Gasworks, Brisbane, Queensland.
	1883	May	29.	THOMPSON, ALBERT GEORGE ..	4 Strathmore Gardens, Bognor.
	1886	Feb.	2.	*THOMPSON, GEORGE WILLIAM	Vine St., Southwark, S.E.
	1880	Dec.	7.	THOMPSON, HENRY GEORGE ..	38 Parliament Street, S.W.
	1891	Mar.	3.	THOMPSON, JAMES, B.E. .. ..	P.W.D., Perth, Western Australia.
	1893	Feb.	7.	THOMPSON, JOHN .. .. .	The Mount, Orford, Warrington.
	1895	Dec.	3.	*THOMPSON, JOHN .. .. .	73 Brackenbury Road, Preston.
✱	1894	Dec.	4.	*THOMPSON, JOHN, JUN. .. ..	Admiralty Harbour Office, Dover.
m ✱	1883	Feb.	6.	*THOMPSON, JOHN AUGUSTUS ..	12 London St., Fenchurch St., E.C.
	1894	Mar.	6.	{*THOMPSON, JOHN EDWARD OAKES .. .. .}	28 Park Row, Nottingham.
	1893	Apr.	11.	THOMPSON, ROBERT WILLIAM	Nellore, Madras.
	1888	May	15.	THOMPSON, WILLIAM .. .. .	{Alex. Matheson & Co., Coolgardie, Western Australia.
t ✱	1886	Dec.	7.	{THOMPSON, WILLIAM MANN, M.A., B.E. .. .. .}	159 Brougham St., Woolloomooloo, Sydney, N.S.W.
	1894	Feb.	6.	THOMSON, AMBROSE HEPBURN	Court House, Marylebone Lane, W.
	1889	Mar.	5.	*THOMSON, ARTHUR SACKVILLE	King, Hamilton & Co., Calcutta.
	1889	Jan.	8.	THOMSON, JAMES .. .. .	22 Rutland Square, Edinburgh.
	1871	Apr.	4.	THOMSON, JOHN .. .. .	Grindal Place, St. Bees, Carnforth.
	1893	May	16.	*THOMSON, THOMAS FRAME ..	Winchester House, E.C.
	1876	May	30.	THORNE, ALFRED .. .. .	47 Victoria Street, S.W.
	1879	Dec.	4.	THORNHILL, JOHN .. .. .	P.W.D., Shahjahanpur, India.
	1882	Apr.	1.	THORNTON, HAWTHORN ROBERT	L. & Y. Ry., Horwich.
	1891	Dec.	1.	*THORNTON, JOHN ARTHUR ..	Vyner Terrace, Haxby Rd., York.
	1893	Dec.	5.	*THORNTON, STANHOPE EVELYN	Court House, Winchfield, Hants.
	1893	Dec.	5.	*THORP, RICHARD FENWICK ..	Eng.'s Of. G.W.Ry., Paddington, W.
	1882	Mar.	7.	THORPE, BENJAMIN KELLY ..	9 Speedwell Rd., Edgbaston, B'ham.
	1886	Apr.	6.	*THORPE, ROBERT HENRY ..	Otis Bros. & Co., 36 Park Row, New
	1890	Jan.	14.	THORPE, WILLIAM HENRY ..	53 Sale Street, Derby. [York, U.S.
	1895	Dec.	3.	THRELFALL, RICHARD .. ..	University, Sydney, N.S.W.
	1889	Feb.	5.	*THRUPT, EDGAR CHARLES ..	13 Victoria Street, S.W.
✱	1879	May	6.	THUEY, ALEXANDER .. .. .	8 Victoria Road, Brighton.
	1895	Jan.	8.	*THURSFIELD, FRANCIS .. ..	Electric Lighting Station, Burnley.
	1880	Dec.	7.	*THWAITE, BENJAMIN HOWARTH	{95 Finsbury Pavement, E.C. (Igni- ferous, London.)
	1889	Dec.	3.	TICKELL, GEORGE TEMPLER ..	H. S. King & Co., 65 Cornhill, E.C.
	1887	Dec.	2.	*TICKELL, RICHARD EUSTACE ..	Cwm Elan, Rhayader, Rads.
	1893	Feb.	7.	TIDD, ERNEST GEORGE .. ..	137 West Regent Street, Glasgow.
	1890	Dec.	6.	*TIDDEMAN, EDMUND SPENSER	1 Barwick Road, Forest Gate, E.
	1867	Dec.	3.	TIDOU, WILLIAM .. .. .	48 Dalmency Rd., Tufnell Park, N.
	1893	May	16.	*TILL, GUY LAURENCE .. ..	City Surv.'s Office, Birmingham.
	1891	Dec.	1.	TILLEY, ALBERT .. .. .	B. Dawson, York Ho., Malvern Link.
	1889	Apr.	2.	*TIMMINS, ARTHUR .. .. .	Bridgewater Foundry, Runcorn.
	1889	Dec.	3.	TIMMINS, JOSEPH .. .. .	Gas Works, Wigan.
	1896	Mar.	3.	TIMMINS, THOMAS ... .. .	{Existing Lines Office, Ry. Dept., Melbourne, Victoria.
	1890	May	20.	TIMONOFF, <i>Prof. VSEVOLOD DE</i>	{Ministère des Voies de Communica- tion, Fontanka 117, St. Petersburg.
	1875	Mar.	2.	*TINTORER GIBERGA, JOSÉ ..	Asalto 12, Barcelona, Spain.
	1894	Dec.	4.	*TIPLADY, RICHARD CLEMENT	{J. Cleminson & Son, 9 New Broad St., E.C.
	1893	May	2.	*TIFFETT, ARTHUR MAY .. ..	Harbour Works, East London, C.C.
	1884	May	6.	{TISDALL, CHARLES JEROME, B.A. .. .. .}	c.o. Agent, G.I.P. Ry., Bombay.
	1887	Jan.	11.	TIVOLI, JOSEPH WILLIAM DE ..	Dibrugarh, Assam, India.
	1893	Mar.	7.	*TOCKE, ALFRED REGINALD ..	P. W. D., Anuradhapura, Ceylon.
	1880	Mar.	2.	*TODD, AUGUSTUS BYTHESEA ..	Quarry Park, Grampound.
	1890	May	20.	TODD, WILLIAM HENRY .. ..	Land of Green Ginger, Hull.

Date of Election.		ASSOCIATE MEMBERS.	
1861 May 7.	7.	TOLER, JOHN MORTON .. ..	Saltersford Hall, Holmes Chapel.
1889 Jan. 8.	8.	TOMALIN, HERBERT FREDERICK	P.W.D., Colombo, Ceylon.
1896 May 5.	5.	TOMES, GEORGE BRUCE .. ..	District Council, Mortlake, S.W.
1872 Dec. 3.	3.	TOMKINS, HENRY .. ..	{ 32 Marlborough Hill, St. John's Wood, N.W.
1890 Apr. 1.	1.	TOMKINS, WILLIAM HENRY ..	Snowlands, Bishop Stortford.
1881 May 31.	31.	TONGE, JAMES .. ..	Court Chams., Mawdsley St., Bolton.
1881 May 31.	31.	TONKIN, WALTER WILLIAM ..	Greenhill Pl., Thrupp, Stroud, Glos.
1892 Dec. 6.	6.	TOOKER, HUGH POLLOCK, B.E.	P.W.D., Hong Kong.
1894 Dec. 4.	4.	TOOMER, JOSEPH FLETCHER ..	2A Plateros 2, Mexico City.
1893 Mar. 7.	7.	*TOOTH, STANLEY, M.A. .. ..	{ 2 Shaftesbury Villas, Allen Street, Kensington, W.
✱ 1885 Dec. 1.	1.	*TOPHAM, FRANCIS DAVID ..	King, King & Co., Bombay.
1873 Dec. 2.	2.	*TOPLIS, FREDERICK .. ..	129 Fellows Rd., S. Hampstead, N.W.
1878 Feb. 5.	5.	*TORRENS, GERARD PHILIP ..	19 Queensberry Place, S.W.
1890 Dec. 2.	2.	TOUCHON, AUGUSTE .. ..	14 Caixa do Correio, Rio de Janeiro.
1895 Feb. 5.	5.	*TOWER, WILLIAM .. ..	82 Ebury Street, S.W.
1894 Dec. 4.	4.	TOWLSON, SAMUEL .. ..	Local Board, Cheshunt.
1880 Mar. 2.	2.	{ *TOWNSEND, CHARLES JOHN HENRY FYLER .. .. }	38 Quarry Road, Hastings.
1875 Jan. 12.	12.	*TOWNSEND, FRANCIS EDWARD	Machon Bank Lodge, Sheffield.
1885 Jan. 13.	13.	TOWNSEND, HARRY .. ..	Gasworks, Wakefield.
✱ 1884 Dec. 2.	2.	{ *TOWNSEND, BERNARD O'DRIS- COLL .. .. }	H.M. Dockyard, Bermuda.
1893 Feb. 7.	7.	TRAVERS, THOMAS PATRICK ..	Gasworks, Cork.
1890 Apr. 1.	1.	TREGLOWN, CHARLES HOCKIN	38 Wretham Rd., Handsworth.
1886 Jan. 12.	12.	TRENCH, GILBERT KENNEDY ..	187 Barry Rd., East Dulwich, S.E.
1893 May 16.	16.	TRERY, EUGENE HORACE .. ..	F. C. del Sud, Buenos Ayres.
1894 Dec. 4.	4.	TRESTRAIL, NICHOLAS .. ..	Claremont Road, Redruth.
1883 Dec. 4.	4.	TREVITHICK, ROBERT LOUTHIAN	Byculla Club, Bombay.
1881 May 31.	31.	TRIER, FRANK HENRY JULIUS	19 Great George Street, S.W.
1894 Mar. 6.	6.	TRIFFITT, JOHN .. ..	N.E.Ry., Eng.'s Office, York. [nople.
1892 Apr. 5.	5.	*TRISTRAM, CHARLES FRANCIS	A. Cumberbatch, Régie, Constanti-
T t ✱ 1883 Mar. 6.	6.	{ *TROTTER, ALEXANDER PELHAM, B.A. .. .. }	Govt. Electrician, Cape Town, C.C.
1883 Dec. 4.	4.	*TRUMP, JOHN .. ..	18 Dix's Field, Exeter.
1892 Dec. 6.	6.	*TRYE, CHARLES BRANDON ..	Eng.'s Office, Midland Ry., Derby.
1883 Dec. 4.	4.	TUCK, EDMUND HENRY, F.C.H.	30 East Dulwich Grove, S.E.
1892 May 3.	3.	TUCKER, ROBERT BOUCHER ..	The Grange, Stratford Green.
1890 Dec. 2.	2.	{ TUCKEY, THOMAS WILLIAM TOWNSEND, B.E. .. .. }	Govt. Rys., Tientsin, China.
1892 Dec. 6.	6.	TUCKWELL, JOHN MORRISON ..	{ J. Graham, 2 Linwood Terrace, Glasgow St., Hillhead, Glasgow.
1891 Dec. 1.	1.	TUDHOPE, ALFRED DRYDEN ..	Queenstown, Cape Colony.
t ✱ 1882 Feb. 7.	7.	*TUFNELL, CARLETON FOWELL	{ Crompton & Co., Mansion Ho. Bldgs., E.C. [Brazil.
1884 May 27.	27.	TUVESSON, THEODOR .. ..	Porto Alegre, Rio Grande do Sul,
1880 Mar. 2.	2.	TULLY, THOMAS .. ..	44 Digby Road, Hornsey, N.
1878 May 28.	28.	TUNSTALL, JOHN .. ..	141 Lordship Rd., Stoke Newing'tn, N.
1894 Dec. 4.	4.	TURLEY, ARTHUR CLIFFORD ..	Boro' Engineer, Eccles.
1890 Dec. 2.	2.	{ *TURNBULL, NICHOLAS KING, Wh.Sc. .. .. }	South Overdale, Langside, Glasgow.
1869 Mar. 2.	2.	TURNER, FRANK .. ..	Bracondale, Ontario, Canada.
1873 May 20.	20.	TURNER, FRANK DE MIERRE ..	Oporto, Portugal.
1884 Dec. 2.	2.	*TURNER, JOHN HARRISON ..	34 Belleville Rd., Wandsworth, S.W.
1876 May 30.	30.	TURNER, ROBERT CHARLES ..	19 Waldeck Avenue, Bedford.
m 1875 Mar. 2.	2.	*TWEEDIE, WILLIAM .. ..	{ New Hamburg Ry., Porto Alegre, Brazil.
1890 May 6.	6.	TWEEN, CHARLES NELSON ..	Goddards, Widford, Ware, Herts.
1894 Feb. 6.	6.	TWIDDY, JAMES HANDFIELD ..	Box 192, Klerksdorp, Transvaal.
m ✱ 1893 Apr. 11.	11.	*TWINBERROW, JAMES DENIS ..	Saltley Central Works, Birmingham.
1891 Jan. 13.	13.	*TWINBERROW, JOHN WULSTAN	{ M. S. & L. Ry., The Newarke, Leicester.

Date of  
Election.

## ASSOCIATE MEMBERS.

1892 May	3.	{ TWINING, CHARLES RUFUS } FAIRBANKS .. .. .	Calle de Patoni 5, Mexico City.
1895 Jan.	8.	{ *TWYFORD, RENNIE CHARLES } AUGUSTUS .. .. .	Obras Publicas, Pirassununga, São Paulo, Brazil.
1896 May	5.	TYLER, EDWARD HENRY ..	147 Rua da Quitanda, Riode Janeiro.
m 1877 May	1.	*TYLOR, JOSEPH JOHN ..	Fir Toll, Mayfield, Sussex. [diff.
1888 Feb.	7.	*TYLOR, LOUIS EDWARD ..	Clifton Lodge, Cathedral Rd., Car-
1890 May	6.	*TYNDALE, WALTER CLIFFORD	Horse Guards, Whitehall, S.W.
1894 Dec.	4.	TYRRELL, JAMES HENRY ..	{ City and Suburban Tramway, Johannesburg, Transvaal.
m 1880 Dec.	7.	*TYSOE, JOSEPH .. .. .	Ardavon, Westcombe Park Rd., S.E.
1890 May	6.	TYZACK, DAVID .. .. .	71 Westgate Rd., Newcastle-on-Tyne.
1877 Feb.	6.	UHAGON, RECAREDO DE ..	Valenzuela 4, Madrid.
1895 Dec.	3.	*UMNEY, HERBERT WILLIAMS ..	Stothert & Pitt, Bath.
1893 Dec.	5.	{ *UNDERWOOD, WILLIAM ELPHIN- } STONE .. .. .	Dist. Eng., Madura, Madras.
1892 Feb.	2.	UNSWORTH, WILLIAM ..	7 Chevin Rd., Walton, Liverpool.
1870 Dec.	6.	UNWIN, HERBERT .. .. .	Brincliffe House, Sheffield.
1893 Dec.	5.	UPTON, PRESCOTT .. .. .	Box 1026, Johannesburg, Transvaal.
1872 Feb.	6.	*USILL, GEORGE WILLIAM ..	12 Spencer Rd., St. John's Hill, S.W.
1884 Dec.	2.	*VACHELL, THEODORE .. ..	34 Bridge Street, Newport, Mon.
1879 Mar.	4.	*VACHER, HERBERT PERKINS ..	Vulcan Ironworks, Winchester.
1889 Jan.	8.	{ VALENTINE, DAVID WILLIAM } TRAIL .. .. .	P.W.D., Quilon, Travancore, India.
1875 May	4.	{ VALON, WILLIAM ANDREW } MCINTOSH .. .. .	140 Temple Chambers, E.C.
+ 1858 Dec.	7.	VARLEY, SAMUEL ALFRED ..	Arrow Wks., Jackson Rd., Holloway, N.
1892 Dec.	6.	VASSALLO, ANDREA .. .. .	87 Scesa Marina, Valletta, Malta.
1894 Jan.	9.	*VAUGHAN-LEE, ALEC GEORGE	New Harbour Works, Dover.
1890 Feb.	4.	VEASEY, THOMAS FREDERICK ..	Bridge House, Huntingdon.
1874 Dec.	1.	VEEVERS, HARRISON .. ..	Hall Green, Dukinfield.
1894 May	1.	VENN, ERNEST GALE .. ..	Post Office, Calcutta.
1891 Jan.	13.	VENNING, EDWARD .. .. .	P.W.D., Batticaloa, Ceylon.
1878 Apr.	2.	*VENTRIS, ARTHUR .. .. .	49 Seymour St., Portman Square, W.
1888 May	1.	{ *VEIDON, ARTHUR LAWRENCE } RIDLEY .. .. .	Australian Club, Sydney, N.S.W.
1893 Feb.	7.	{ *VEREKER, FREDERICK JAMES } WELLINGTON .. .. .	Wellington Villa, Limerick.
1895 Mar.	5.	*VERNET, CHARLES CONSTANT	Government Rys., Kandy, Ceylon.
1893 May	16.	VERNON, CHARLES EDWARD ..	Tresco, Plaistow, E. [Buenos Ayres.
1889 Jan.	8.	VERSCHOYLE, BERESFORD ..	F. C. Rosario, Av. de Mayo 748.
1891 Mar.	3.	*YESIAN, JOHN STUART ELLIS DE	{ 5 Crown Court, Cheapside, E.C. (Biemps, London.)
1891 Dec.	1.	VIRART, GEORGE .. .. .	South Mahratta Ry., Dharwar, India.
1891 Apr.	7.	*VICARS, JAMES, M.E. .. ..	City Surveyor, Adelaide, S. Australia.
1896 Feb.	4.	*VICKERS, JAMES WARRY ..	42 Braydon Rd., Stamford Hill, N.
1893 Dec.	5.	*VIGERS, ARTHUR EVAN ..	3 Cadogan Gardens, S.W.
1887 Dec.	6.	VILLIERS, JOSIAS EDWARD DE	{ Wandel St., Inglewood, Cape Town, C.C.
1896 Apr.	14.	{ *VILLIERS-STUART, MAURICE } AMBROSE .. .. .	{ Ministry of Finance, Zagaz'g, Egypt.
1877 Dec.	4.	*VINT, GEORGE EDWARD ..	City Surv.'s Off., Bower Spring, Shef-
1886 Jan.	12.	{ *VINTER, WALTER FREDERICK, } B.A. ....	Glenville, Walton-on-Thames. [field.
1894 Jan.	9.	{ VIQUEIRA, JOSÉ LOPEZ-CORTON, } B.A. ....	Quinta de San Vitorio, Betanzos, Spain.
1887 May	3.	{ VISVESVARAIYA, MOKSHAGUN- } DAM, B.A. ....	Waterworks, Sukkur, Sind, India.
1868 Dec.	1.	VIVIAN, HENRY ANDREW ..	Ferro Carril de Coquimbo, Chili.

Date of Election.		ASSOCIATE MEMBERS.	
1880 Apr. 6.		VIVIAN, WALTER MORRISON ..	Dist. Eng., Vellore, Madras.
1887 Jan. 11.		*VOGAN, HAROLD SEBASTIAN ..	Ry. Dept., Bridge St., Sydney, N.S.W.
1882 Dec. 5.		*VOYSEY, HENRY WESLEY ..	1 Fordwych Rd., Brondesbury, N.W.
✠ 1887 Dec. 6.		*WACKRILL, ALFRED EDWARD	Surv.-Gen.'s Off., Colombo, Ceylon.
1888 Feb. 7.		*WADDELL, GEORGE .. .. .	P.W.D., Colombo, Ceylon.
1883 Feb. 6.		{ WADDELL, JOHN ALEXANDER } Low, Ma. E. . . . .	Keith & Perry Bldg., Kansas City, Mo., U.S.
1890 Dec. 2.		WADDELL, WILLIAM .. .. .	5 Romilly Road, Barry, Cardiff.
1893 May 16.		{ WADDINGTON, JOSHUA ARTHUR } PAGET .. .. .	District Board, 15 Great Alie St., Whitechapel, E.
1883 Dec. 4.		*WADDINGTON, RICHARD .. ..	35 King William Street, E.C. (1518.)
1888 Feb. 7.		*WADDINGTON, SAMUEL SUGDEN	35 King William Street, E.C. (1518.)
1893 May 2.		{ *WADE, EDWARD HYDE ROBERT } WYBRANTS .. .. .	Surveyor-General's Dept., Kegalle, Ceylon.
1894 May 1.		*WADE, HENRY JAMES SEATON	M. S. & L. Ry., Lutterworth.
1894 Dec. 4.		*WADE, JAMES SCARGILL .. ..	Railway Dept., Sydney, N.S.W.
1889 Dec. 3.		{ WADE, LESLIE AUGUSTUS BUR- } TON .. .. .	Water Conservation Branch, Mines Dept., Sydney, N.S.W.
1896 Mar. 3.		WADE, WILLIAM REGINALD ..	Haworth Rectory, Keighley, Yorks.
1891 Feb. 3.		{ *WADHAM, WALTER FRANCIS } AINSLIE, M.A. . . . .	Millwood, Dalton-in-Furness.
1873 Dec. 2.		{ *WADIA, NOWROJEE NESSER- } WANJEE, C.I.E. . . . .	Bella Vista, Cumballa Hill, Bombay.
1894 Mar. 6.		*WAGSTAFF, WILLIAM HENRY	57 Salter Gate, Chesterfield.
1888 Jan. 10.		*WAILES, GEORGE HERBERT ..	Rountou, Watford.
1894 Mar. 6.		{ *WAITE, EDWARD WILLIAM } WILKINS .. .. .	Gas & Waterworks, Barry, Cardiff.
1882 May 23.		*WAKEFIELD, HENRY TYNDALL	County Council, Spring Gdns., S.W.
1894 Feb. 6.		WAKEFORD, JOHN PERCY ..	City Hall, Dublin.
1883 Dec. 4.		WAKELAM, HENRY TITUS ..	County Surveyor, Hereford.
1888 Apr. 10.		WALDRON, FRANK WILLIAM ..	P.W.D., Cape Town, Cape Colony.
m ✠ 1896 May 19.		*WALES, WILLIAM GARNEYS ..	Surrey Com. Docks, Rotherhithe,
1888 Dec. 4.		WALKER, ALEXANDER .. .. .	Arauco Co., Coronel, Chili. [S.E.]
1890 Mar. 4.		WALKER, ALEXANDER THOMSON	Waterworks, Reading.
1889 May 7.		WALKER, GEORGE BLAKE .. ..	Taukersley Grange, nr. Barnsley.
1887 Jan. 11.		*WALKER, GEORGE POWELL ..	62 Blackfriars Road, S.E.
1884 Dec. 2.		WALKER, HERBERT .. .. .	Newcastle Chams., Nottingham.
1892 Apr. 5.		WALKER, JOSEPH ROBERT ..	Correo Casilla 796, Buenos Ayres.
1891 Dec. 1.		*WALKER, MURRAY .. .. .	P.O. Box 50, Cape Town, C.C.
1879 Dec. 2.		WALKER, ROBERT .. .. .	17 South Mall, Cork.
1891 Dec. 1.		*WALKER, ROBERT, Jun., B.E.	29 Walpole Street, Chelsea, S.W.
1885 Dec. 1.		WALKER, SYDNEY FERRIS ..	195 Severn Road, Cardiff. (Dynamo,
1889 Dec. 3.		WALKER, WILLIAM .. .. .	Glenorchy, Tasmania. [Cardiff.]
1896 Feb. 4.		WALKER, WILLIAM DOUGLAS ..	{ Ry. Construction Dept., Sydney, N.S.W.
✠ 1895 May 21.		WALKER, WILLIAM GEORGE ..	{ 47 Victoria Street, S.W. (Versuchen, London).
1875 Dec. 7.		*WALKER, ZACCHEUS .. .. .	Fox Hollies Hall, nr. Birmingham.
1894 Feb. 6.		WALL, BENSON PARSICK .. ..	W. Watson & Co., Bombay.
1879 May 27.		WALLACE, ALEXANDER .. .. .	Kilminning, Crail, N.B.
1881 Dec. 6.		*WALLACE, JAMES .. .. .	The Brake, Stravithie, Fife.
1890 Dec. 2.		WALLACE, JAMES DOUGLAS ..	Northcote, Willow Grange, Natal.
1880 Dec. 7.		*WALLACE, JOHN HENRY .. ..	Cliffdale, Highlands Station, Natal.
1882 May 23.		*WALLACE, LAWRENCE AUBREY	H. S. King & Co., 45 Pall Mall, S.W.
1895 Dec. 3.		WALLACE, WILLIAM CARLILE	Atlas Works, Sheffield.
1893 Mar. 7.		*WALLER, ARTHUR HERBERT ..	City Engineer, Maritzburg, Natal.
1895 May 21.		*WALLER, BERTRAM BRAUND ..	39 Quentin Rd., Blackheath, S.E.
1893 Dec. 5.		*WALLER, CHARLES JAMES POWER	{ Fairbridge & Arderne, Longmarket Street, Cape Town, C.C.
1894 Dec. 4.		*WALLICH, EDWARD HENRY ..	Taiping, Perak, S.S.
1884 May 27.		WALLINGTON, JAMES .. .. .	Rua do Ouvidor 139, Rio de Janeiro.



Date of  
Election.

## ASSOCIATE MEMBERS.

1882	May 23.	WALLIS, BERESFORD GAHAN	Firgrove, Simla, India.
1889	May 21.	WALLIS-JONES, REGINALD JOHN	6 Hampstead Mans., Heath St., N.W.
1879	Feb. 4.	WALLNUTT, RICHARD .. ..	{ Harold St., Northcote, Melbourne, Victoria.
1883	Feb. 6.	{ *WALBROND, THEODORE CHARLES } TROUBRIDGE .. .. .	{ 47 Victoria Street, S.W. (Logistics, London.)
1885	Feb. 3.	*WALSH, CHARLES ARROWSMITH	King, Hamilton & Co., Calcutta.
1896	Apr. 14.	WALSH, RICHARD WALTER ..	10 South Frederick St., Dublin.
1894	Dec. 4.	WALSH, THOMAS LISTER ..	Pearson & Son, Apartado 440, Mexico.
1886	Mar. 2.	*WALTERS, HARRY ERNEST ..	2 Great George Street, S.W.
1894	Mar. 6.	WALTON, ALFRED HENRY ..	17 South St., Manchester Sq., W.
✱ 1885	Dec. 1.	*WANKLYN, FREDERICK LUMB ..	Grand Trunk Ry., Montreal, Canada.
1892	Dec. 6.	WARD, ARTHUR WILLIAM ..	Lisburn, Merton Rd., Southsea.
1889	May 7.	*WARD, EDWARD THOMPSON ..	Brookfield House, Northwich.
1891	Dec. 1.	*WARD, FREDERICK DARWENT	3 Cobden Street, Welshpool.
1876	May 2.	WARD, HENRY THOMAS SIMPSON	P.W.D., Colombo, Ceylon.
1891	Dec. 1.	WARD, JAMES CARPENTER ..	Milford Docks, Milford Haven.
1888	May 1.	WARD, JOHN .. .. .	Depy. City Surveyor, Sheffield.
1892	May 24.	WARD, THOMAS .. .. .	Grey St., Wellington, N.Z.
1888	Dec. 4.	WARD, THOMAS HENRY ..	E. I. Ry., Giridih, India.
1885	Dec. 1.	*WARD, THOMAS RAWDON ..	P.W.D., Colombo, Ceylon.
1896	Jan. 14.	*WARD, THOMAS ROBERT JOHN	Irrigation Branch, P.W.D., Punjab.
1891	Dec. 1.	{ *WARD, THOMAS WILLIAM } { CHAPMAN, B.E. .. .. }	{ Roslyn, Toxteth St., Gleebe Point, Sydney, N.S.W.
1884	Mar. 4.	*WARD, WILLIAM PETTIT ..	Longhedge Works, Wandsworth Rd.,
1887	Dec. 6.	*WARDE, CHARLES PARRY ..	P.W.D., Seebpore, Bengal. [S.W.]
1877	Dec. 4.	WARDLE, JAMES WILLIAM ..	Borough Engineer, Longton.
1892	Jan. 12.	*WARDROP, CHARLES CAMPBELL	50 Rostrevor Rd., Fulham, S.W.
1887	Dec. 6.	WARE, GEORGE WEBB .. ..	Assam-Bengal Ry., No. 10 Div., Assam.
1895	Dec. 3.	WARE, STANLEY DAWSON ..	{ Hyderabad (Deccan) Co., Secun- derabad, India.
1892	Dec. 6.	WARING, CHARLES EDWARD ..	1 Charles Street, Cardiff.
1888	Dec. 4.	WARNER, WILLIAM .. ..	Hope Drive, The Park, Nottingham.
1890	Dec. 2.	*WARRACK, ROBERT .. ..	Portland, Oregon, U.S.
1886	May 4.	*WARREN, JOHN ALEXANDER ..	115 Wellington Street, Glasgow.
1885	May 19.	WARREN, WILLIAM .. ..	Midland Ry., Paysandu, Uruguay.
1842	May 3.	WARRINEG, HENRY .. ..	6 The Grove, Clapham Road, S.W.
1887	Dec. 6.	*WASEY, GEORGE KINDERSLEY	W. I. P. Ry., Mormugão, Goa, India.
1888	Jan. 10.	WATANABE, KAICHI, B.Sc. ..	Sangu Ry., Yamada Ise, Japan.
1890	Mar. 4.	{ WATERS, HORACE REGINALD } { B.E. .. .. }	{ Eng.'s Office, Edenderry, King's Co.
1895	Feb. 5.	{ WATHEN, HENRY ARTHUR } { DOUGLAS .. .. }	{ Waterton, Auchmill, Aberdeenshire.
1885	Apr. 14.	WATKEYS, GEORGE .. ..	Goring Road, Llanelly.
1883	May 29.	WATKINS, RICHARD .. ..	Toxteth Rd., Gleebe Pt., Sydney, N.S.W.
1875	Dec. 7.	WATKINS, STEPHEN .. ..	Prince's Chambers, Wolverhampton.
1895	Feb. 5.	WATKINS, STEPHEN .. ..	Ottoman Railway, Smyrna.
1891	Dec. 1.	*WATKINS, WILFRIED JOHN ARIS	Box 2008, Johannesburg, Transvaal.
1891	Feb. 3.	WATSON, CLAUD ROBERT ..	Albany Buildings, Victoria St., S.W.
1893	Dec. 5.	WATSON, FREDERICK MACEMAN	Selwood, Rotherham.
1894	Dec. 4.	*WATSON, GEORGE .. ..	21 Springfield Mount, Leeds.
1886	May 18.	*WATSON, JOHN DUNCAN ..	County Buildings, Aberdeen.
1895	Apr. 2.	WATSON, THOMAS .. ..	P.W.D., Perth, Western Australia.
1890	Dec. 2.	*WATSON, WILLIAM, B.E. ..	Stowlin, Eyrecourt, Ireland. [C.C.]
1891	Dec. 1.	*WATSON, WILLIAM STEPHEN	6 St. George's Chambers, Cape Town.
1878	Feb. 5.	*WATTS, GEORGE KEMPTHORNE	Watson & Co., 27 Leadenhall St., E.C.
m 1877	May 29.	*WATTS, NICHOLAS .. ..	Bank Buildings, Bristol.
1893	Apr. 11.	*WAYNFORTH, HARRY MORTON	Mason College, Birmingham.
1888	Dec. 4.	WEARING, WILLIAM .. ..	9 Ribblesdale Place, Preston.
1891	Apr. 7.	WEAVER, EDWARD .. ..	{ Norton, Megaw & Co., Rua 1º de Marco 58, Rio de Janeiro.
1882	Dec. 5.	WEAVER, HENRY EDWARD ..	{ Caixa do Correio 54, Manaus, Amazonas, Brazil.

Date of Election.		ASSOCIATE MEMBERS.	
1895 Mar. 5.	WEBB, ARTHUR LEWIS, F.C.H.	P.W.D., Cairo, Egypt.	
1886 Dec. 7.	WEBB, RICHARD GEORGE ..	{Richardson & Cruddas, Byculla, Bombay. [Chiswick, W. St. Alban's Cottage, Duke's Road, Water Engineer, Oxford, N.Z.	
1887 May 3.	*WEBSTER, CHARLES, Wh. Sc.		
1890 Apr. 1.	*WEBSTER, GEORGE JOHNSTON		
1890 Dec. 2.	WEBSTER, JAMES PHILIP ..	Boro' Eng., Marrickville, Sydney,	
1875 Apr. 6.	WEBSTER, JOHN .. ..	Exning, Newmarket. [N.S.W.	
1893 Feb. 7.	{*WEEKES, ROBERT WILLSHER, Wh.Sc. .. ..}	73 Elliscombe Rd., Charlton, S.E.	
1885 May 19.	{WEINSCHENCK, GUILHERME BENJAMIN .. ..}	Caixa 27, Santos, Brazil.	
1884 Feb. 5.	*WEIR, THOMAS DUNCAN ..	F. C. Central, Caracas, Venezuela.	
1894 Dec. 4.	*WEIR, WILLIAM PARK ..	Carr Bridge, Inverness-shire.	
1892 Mar. 1.	{WEISS, CHARLES THEODORE HERMANN .. ..}	{British Aluminium Company, Foyers, Loch Ness, N.B.	
1878 May 7.	*WEISS, HUBERT AUGUST OTTO	{Stuttgarter Platz 9, Charlottenburg, Berlin.	
1880 May 4.	WELCH, ERNEST FREDERICK ..	Chargrove Lawn, Cheltenham.	
1886 Jan. 12.	WELCH, JAMES WILLIAM ..	27 Victoria Buildings, Manchester.	
1890 Dec. 2.	*WELDON, HERBERT NICOL ..	{Union Chams., Temple St., Birmingham.	
1885 Feb. 3.	WELLER, HARRY WRAY ..	{Campbell & Zell Co., 33 Equitable Building, Boston, Mass., U.S.	
1895 Dec. 3.	WELLS, GEORGE JAMES, Wh.Sc.	90 Granville Road, Blackburn.	
m + 1891 Dec. 1.	{*WELLS, SIDNEY HERBERT, Wh.Sc. .. ..}	Polytechnic Institute, Battersea, S.W.	
1888 May 1.	*WELLS, WILLIAM SEYMOUR ..	Cleves, Ryde, Sydney, N.S.W.	
1879 Feb. 4.	WELLSTED, WILLIAM HENRY	Prince's Dock Chambers, Hull.	
1892 Mar. 1.	WELSH, ALEXANDER ..	14 Spotteswoode St., Edinburgh.	
1883 Apr. 3.	WELTON, WILLIAM SHAKESPEARE	46 Canfield Gdns., Hampstead, N.W.	
1895 Feb. 5.	*WELTON, WILLIAM SMART ..	73 The Chase, Clapham Com., S.W.	
1896 Feb. 4.	WEST, FRANK ADAMSON ..	22 Sheppard Street, New Swindon.	
1875 Dec. 7.	*WEST, THOMAS EDWARD ..	Union Street, Oldham.	
1881 May 3.	WESTERN, MAXIMILIAN RICHD.	Broadway Chams., Westminster, S.W.	
1887 May 24.	WESTON, HARRY JACOB ..	24 Portland St., Southampton.	
1886 Apr. 6.	WHALE, GEORGE .. ..	L. & N. W. Ry., Crewe.	
1886 Dec. 7.	*WHATELY, RICHARD ..	Bombay, Baroda & C. I. Ry., India.	
1894 Apr. 3.	*WHEATLEY, HENRY LAWRENCE	{City Improvements Co., Caixa 403 Rio de Janeiro.	
1883 Feb. 6.	{WHEELER, GEORGE ROBERT WELBY .. ..}	Town Hall, Westminster, S.W.	
m 1892 Dec. 6.	{*WHEELER, WILLIAM HERBERT, B.A. .. ..}	Boston, Lincs.	
1893 Dec. 5.	*WHETHAM, STEPHEN LLOYD ..	Eng.'s Office, L. & Y. Ry., Manchester.	
1885 May 5.	WHIELDON, JOHN HENRY ..	75 Ivydale Road, Nunhead, S.E.	
1885 May 19.	{WHINFIELD, JOHN HENRY RICHARD .. ..}	Cavendish Rd., Sutton, Surrey.	
1893 Dec. 5.	WHITAKER, GEORGE REGINALD	Touws River, Cape Colony.	
1891 Dec. 1.	*WHITAKER, JAMES, Wh.Sc. ..	{H. Simon, 20 Mount St., Manchester.	
1884 Jan. 8.	WHITE, ALFRED GEORGE ..	11 Queen Victoria Street, E.C.	
1893 Dec. 5.	WHITE, CHARLES ARTHUR ..	Balasaroe, Orissa, India.	
1892 Apr. 5.	*WHITE, CHARLES STANLEY ..	M.S. & L. Ry., Steeple Claydon, Bucks.	
1878 Feb. 5.	*WHITE, EDWIN JAMES ..	{Lambeth Brass & Iron Co., Short Street, Lambeth, S.E.	
1887 Mar. 1.	WHITE, GEORGE .. ..	The Farm, Mexborough.	
m 1894 Dec. 4.	*WHITE, HENRY THOMAS ..	Dell Cottage, Tomatin, Inverness.	
1893 Feb. 7.	*WHITE, JOHN .. ..	Boro' Engineer, Folkestone.	
1890 May 6.	WHITE, LAWRENCE FLETCHER	Res. Eng., Steeple Claydon, Bucks.	
1893 Dec. 5.	WHITE, ROBERT HENRY ..	23 Alexandra Road, Southport.	
1894 Feb. 6.	WHITE, SYDNEY HERBERT ..	A. T. Walmsley, 9 Victoria St., S.W.	
1887 Mar. 1.	{WHITE, THOMAS CHARLES HUTCHINSON .. ..}	Morvi, Kathiawar, India.	

Date of  
Election.

## ASSOCIATE MEMBERS.

1896 Mar. 3.	{ WHITE, WILLIAM DONALD } WILSON .. .. .	162 Cambridge Drive, Kelvinside, Glasgow.
1893 Dec. 5.	* WHITE LA W, JOHN .. ..	8 Duke Street, Edinburgh.
1885 Dec. 1.	WHITELEY, JOHN JOSEPH ..	Binny & Co., Madras.
1893 Dec. 5.	WHITELOW, EDWARD TURNER	70 Deansgate, Manchester. [S.W.]
1893 May 2.	WHITHARD, BROOKE MIDDLEMORE	Sewell & Crowther, 18 Cockspur St., Box 138, Johannesburg, Transvaal.
1880 Mar. 2.	* WHITMORE, LAWRENCE HERSEE	C. Kirk, Alwalton, Peterborough.
1893 Mar. 7.	WHITWORTH, THOMPSON .. ..	Koffyfontein Mines, Orange Free State.
1896 Jan. 14.	WHITWORTH, WALTER STANLEY	Town Hall, Salford.
1892 Dec. 6.	WHYATT, HENRY GILBERT ..	Belfast Waterworks, Newcastle, co. Down.
1896 May 5.	WHYTE, JAMES .. .. .	Ry. Construction Branch, P.W.D., Sydney, N.S.W.
1895 Dec. 3.	WICKHAM, FRANCIS EDMUND ..	Manor House, Shepperton.
1895 Dec. 3.	{ WIELAND, GEORGE CHARLES } BRADLEY .. .. .	St. John's, Worcester.
1884 Dec. 2.	WIGAN, LEONARD .. .. .	59 Hinckley Rd., Leicester.
1893 Jan. 10.	WIGG, WILLIS .. .. .	City Eng.'s Office, Cape Town, C.C.
1893 Mar. 7.	WIGNALL, JOHN ROBERT .. ..	10 Norman Avenue, Stoke, Plymouth.
1876 Mar. 7.	WILD, JOSEPH HENRY .. ..	King, Hamilton & Co., Caleutta.
1883 Dec. 4.	* WILDE, FRANCIS SAMUEL .. ..	Suilham, Pangbourne, Reading.
1894 Dec. 4.	WILDER, FRANCIS LANGHAM ..	Asst. City Surv., Melbourne, Victoria.
1888 Feb. 7.	WILKINSON, EDWARD .. ..	23 Hartfield Rd., Eastbourne.
1885 Feb. 3.	* WILKINSON, HENRY WALL ..	Box 267, Johannesburg, Transvaal.
1890 Apr. 1.	* WILKINSON, WILLIAM FISCHER	63 Temple Row, Birmingham.
1883 Feb. 6.	* WILLCOX, JOSEPH EDWARD ..	Dagenham Dock, Romford,
1892 Dec. 6.	WILLIAMS, ARTHUR EDWARD ..	Rotorna, Harrow-on-the-Hill.
1895 Dec. 3.	{ WILLIAMS, ARTHUR EDWARD } B.A. .. .. .	Admiralty Mole, Gibraltar.
1895 Feb. 5.	* WILLIAMS, ARTHUR JOHN ..	P.W.D., Montgomery, Pnnjab.
1895 Dec. 3.	WILLIAMS, CHARLES BEYSON ..	Belle Vue, Harrow.
1881 Apr. 5.	* WILLIAMS, CLAUDE ST. MAUR	Brisbane, Queensland.
1896 Apr. 14.	* WILLIAMS, CYRUS JOHN RICHARD	Box 965, Johannesburg, Transvaal.
1889 May 7.	WILLIAMS, ERNEST .. ..	Auburn Villa, Narborough, Leicester.
1892 May 24.	WILLIAMS, FRANK LIONEL ..	18 Great George Street, S.W.
1886 Feb. 2.	* WILLIAMS, GILBERT PERCY ..	Ry. Works, Lismore, N.S.W.
1889 May 7.	WILLIAMS, HENRY MORTON ..	253 Athol Street, Liverpool.
1875 May 4.	WILLIAMS, HUGH .. .. .	48 Halford Rd., Richmond, Surrey.
1881 Feb. 1.	* WILLIAMS, JOHN HENRY ..	39 Victoria Street, S.W.
1885 Dec. 1.	{ * WILLIAMS, MORGAN J. MANDERS } JERNA, M.A. .. .. .	Cuddra, St. Austell, Cornwall.
1870 May 24.	WILLIAMS, RICHARD HARRIS ..	30 Clement's Lane, E.C. (Egophany, London. 1219.)
1887 Dec. 6.	WILLIAMS, ROBERT .. .. .	Claremont, Cliffe Rd., Wandsworth, Common, S.W.
1882 Feb. 7.	* WILLIAMS, THOMAS HENRY ..	L. & N.W. Ry., Watford.
1890 Dec. 2.	WILLIAMS, WILLIAM HUGH ..	Old Dock House, Southampton.
1893 Dec. 5.	{ WILLIAMS, WILLIAM HUM- } PHREYS .. .. .	P.W.D., Hardwar, N.W.P., India.
1896 Apr. 14.	WILLIAMS, WILLIAM RICHARD	Lagos Bridges, Lagos, West Africa.
m 1871 Dec. 5.	* WILLIAMS, WILLIAM WALTON	28 Victoria Street, S.W.
1896 Feb. 4.	* WILLIAMSON, ALFRED ARTHUR	Midland Ry., Saugor, C. P., India.
1892 Apr. 5.	* WILLIAMSON, ANDREW .. ..	Town Hall, Blackpool.
1890 Jan. 14.	* WILLIAMSON, ARTHUR .. ..	South Lodge, Cockermouth.
1892 Mar. 1.	* WILLIAMSON, RICHARD .. ..	35 Copthall Avenue, E.C.
1886 May 18.	* WILLINK, WILHEM .. ..	F. C. Cordoba, Rosario, Argentina.
1890 Apr. 1.	* WILLIS, HARRY ATCHISON ..	39 Grafton St., Fitzroy Square, W.
1878 May 28.	* WILLIS, ROBERT HENRY ..	20 Nottingham Place, W.
1889 May 7.	WILLIS, WALTER .. .. .	21 Great George Street, S.W.
1894 Mar. 6.	WILLIS-VOLLAIRE, GEORGE ..	P. W. D., Lower Gauges Canal, Bhognipur, India.
1895 Dec. 3.	{ * WILLMOTT, HERBERT MORTON } F.C.II. .. .. .	Hazleton, Merstham, Surrey.
1888 Jan. 10.	WILLOX, WILLIAM, M.A. ..	

Date of Election.		ASSOCIATE MEMBERS.	
1896 Mar.	3.	*WILLS, BERNARD RUSSELL, B.A.	29 Gayton Road, Hampstead, N.W.
1884 May	6.	WILSON, ALEXANDER, M.E. ..	180 Radford Boulevard, Nottingham.
1891 Mar.	3.	WILSON, ALEXANDER .. ..	Harbour Dept., Melbourne, Victoria.
1869 Dec.	7.	WILSON, ALEXANDER FAIRLIE	Burnbrae, Balfour, N.B.
1879 Feb.	4.	*WILSON, ARTHUR HENRY ..	Seacroft Hall, near Leeds.
1889 Apr.	2.	WILSON, ARTHUR PRANGLEY ..	353 Mansion House Chambers, E.C.
1874 Feb.	3.	WILSON, CHARLES GEORGE ..	100 Settlement, Yokohama, Japan.
1892 Dec.	6.	{ WILSON, CHARLES LOUIS } { NAPOLEON .. .. . }	Western Villa, Bilston.
1894 Dec.	4.	WILSON, DANIEL ELLIS .. ..	Nitrate Rys. Co., Pisagua, Chili.
1895 Mar.	5.	*WILSON, ERNEST MOORE .. ..	Mafeking, Bechuanaland.
1895 Dec.	3.	*WILSON, FREDERICK JAMES ..	Arbuthnot & Co., Madras.
1886 Apr.	6.	WILSON, GEORGE .. ..	13 Victoria Street, S.W.
1892 May	3.	*WILSON, HERMAN GEORGE ..	Heatherbank Weybridge.
1879 Mar.	4.	WILSON, JAMES, <i>Bey</i> .. ..	Cairo, Egypt.
1889 Mar.	5.	*WILSON, JAMES FREDERIC ..	35 Hurstbourne Rd., Forest Hill, S.E.
✱ 1887 Dec.	6.	WILSON, JOHN ALEXANDER ..	P.W.D., Wellington, N.Z.
1893 Dec.	5.	WILSON, JOHN ROBERT ROBINSON	H.M. Inspector of Mines, Leeds.
1877 Feb.	6.	WILSON, JOSEPH WILLIAM, JUN.	South Tower, Crystal Palace, S.E.
1888 Jan.	10.	*WILSON, MAURICE .. ..	South Tower, Crystal Palace, S.E.
1895 Dec.	3.	*WILSON, NORMAN FORSTER ..	10 Cliff Terrace, Kendal.
1893 Dec.	5.	{ *WILSON, NORMAN MCLEOD } { RAMSAY .. .. . }	Eng.'s Office, N.E. Ry., York.
1894 Jan.	9.	WILSON, PEREGRINE OLIVER ..	Klerksdorp, South Africa. [chester.
1886 Dec.	7.	WILSON, THOMAS BRIGHT ..	Newton Avenue, Longsight, Man.
1876 Apr.	4.	WILSON, THOMAS PERCEVAL ..	3 Whitehall Place, S.W.
1891 Feb.	3.	*WILSON, WALTER .. ..	{ 6 Whitefriar Gate, Hull. (White- friars, Hull.)
1896 May	5.	WILSON, WILLIAM .. ..	Board of Works, Melbourne, Victoria.
III 1875 Mar.	2.	WILTON, FRANCIS .. ..	64 Hyde Park Mansions, N.W.
1871 Dec.	5.	WINCKLER, GEORGE WALTER ..	Winnipeg, Canada.
1891 Apr.	7.	WINDER, THOMAS .. ..	Norfolk Estates Office, Sheffield.
1873 May	20.	*WINDHAM, FRANCIS .. ..	73 Queen Victoria Street, E.C.
1886 Feb.	2.	*WINDOW, EDMUND RICHARD ..	16 Cook Street, Liverpool.
1879 Feb.	4.	WINSHIP, GEORGE .. ..	Borough Surveyor, Abingdon.
1877 May	29.	WINSTANLEY, GEORGE .. ..	Gasworks, Coventry. (Gas, Coventry.)
1887 Feb.	1.	WINSTANLEY, WILLIAM .. ..	Gasworks, Newcastle-under-Lyne.
1895 May	21.	WINTER, GEORGE BLISS .. ..	Madras Ry., Arkonam, South India.
1894 Dec.	4.	WINTER, OLIVER ERNEST ..	Vestry Hall, Borough Road, S.E.
1892 Feb.	2.	*WISSENDEN, REGINALD .. ..	50 Canning Road, Croydon.
1885 Jan.	13.	WISWALL, FRANCIS .. ..	Stanley Villas, Runcorn.
1875 Dec.	7.	WITTS, GEORGE BACKHOUSE ..	Hill Ho., Leekhampton, Cheltenham.
1895 Jan.	8.	WITTS, JOHN WILLIAM .. ..	City Engineer's Office, Leeds.
1895 Jan.	8.	*WOLFENDEN, BENJAMIN JAMES	Boro' Eng.'s Office, Middlesbrough.
1889 Dec.	3.	WOLFF, WILLIAM HENRY .. ..	Bombay, Baroda & C.I.Ry., Bombay.
1881 May	31.	*WOLLEY-DOD, FRANCIS, F.C.H.	King, King & Co., Bombay.
1892 Apr.	5.	*WOLLHEIM, ALBERT .. ..	101 Leadenhall Street, E.C.
1888 Jan.	10.	WOLSTENHOLME, JEREMIAH ..	Boro' Engineer, Blackpool.
1883 Feb.	6.	*WOOD, ARTHUR PRESCOTT ..	Waterworks, Shanghai, China.
1894 Dec.	4.	*WOOD, FRANCIS .. ..	City Engineer's Office, Wakefield.
1895 Dec.	3.	WOOD, JAMES HERBERT .. ..	Dinglewood, Colwyn Bay, N. Wales.
✱ 1884 Feb.	5.	WOOD, JOHN MACKWORTH ..	New River Office, Clerkenwell, E.C.
1887 Dec.	6.	*WOOD, WALTER GUNNELL ..	P. W. D., Faizabad, India.
1884 Dec.	2.	*WOOD, WILLIAM .. ..	37 Wolfington Rd., West Norwood, S.E.
1893 Dec.	5.	*WOOD, WILLIAM RICHARD ..	33 Disraeli Rd., Ealing, W.
1896 Feb.	4.	WOODALL, HENRY .. ..	9 Bridge St., Westminster, S.W.
1893 Mar.	7.	WOODBURN, ALEXANDER, B.Sc.	Grindlay & Co., Calcutta.
1896 Apr.	14.	*WOOD-HILL, ARTHUR .. ..	Baldry & Yerburgh, Ollerton, Newark.
1881 May	31.	*WOODS, JOHN .. ..	8 Burmester's Chambers, Cape Town,
1881 Dec.	6.	{ *WOODS, RICHARD JOHN, B.E., } { F.C.H. .. .. . }	Coopers Hill, Staines. [C.C.
1887 Dec.	6.	WOODS, VINCENT SYDNEY ..	15 Carlyle Square, S.W.
1889 May	21.	*WOODSIDE, JOHN .. ..	King, King & Co., Bombay.

Date of  
Election.

## ASSOCIATE MEMBERS.

	1893 Jan. 10.	{*WOODWARD, ERNEST ARTHUR BORAMAN .. .. .}	Waterworks Engineer, Wolverhampton.
	1894 Feb. 6.	{*WOODWARD, HENRY RICHARD KEMP .. .. .}	G.W. Ry., Plymouth.
	1891 Dec. 1.	*WOODWARD, JOHN HAROLD ..	{6 Brighton Ter., Merridale Road, Wolverhampton.
	1893 Feb. 7.	*WOOLCOCK, JOSEPH HENRY ..	{Rickerby House, St. Bees. Hazelhurst, Urnston Lane, Stretford, Manchester.
m ✕	1892 Feb. 2.	*WORDINGHAM, CHARLES HENRY	Water Co., Southwark Bridge Rd., S.E.
	1882 Feb. 7.	*WORGER, DOUGLAS FITZGERALD	12 Creswell Gardens, S.W.
	1892 Jan. 12.	WORMALD, JOHN .. .. .	18 Hobart Street, Leicester.
	1896 Apr. 14.	WORRALL, FRANK .. .. .	N.E. Ry., Gateshead-on-Tyne.
	1886 Feb. 2.	WORSDELL WILSON .. .. .	Buenos Ayres & Rosario Railway, Rosario de Santa Fé, Argentina.
	1896 Apr. 14.	{WORSÖE, ADAM FREDERIC TRAMPE .. .. .}	Whisterfield, Siddington, Cheshire.
	1889 Dec. 3.	WORTH, REGINALD TURNER ..	42 George Street, Plymouth.
	1893. Dec. 5.	{*WORTH, RICHARD GEORGE HANSFORD .. .. .}	Ash Lea, Edgeley, Stockport.
St ✕	1894 Dec. 4.	*WORTHINGTON, ARTHUR ..	Mill Bank, Bowdon, Cheshire.
	1885 May 19.	WORTHINGTON, EDGAR, B.Se...	10 Harbor St., Kingston, Jamaica.
	1889 Dec. 3.	WORTLEY, SAMUEL SHARPE ..	{City Surveyor's Office, Bower Spring, Sheffield.
	1895 Jan. 8.	*WRENCH, FRANCIS HOULTON ..	Tawstock Court, Barnstaple.
	1896 Jan. 14.	{*WREY, GERALD BOURCHIER SHERARD .. .. .}	Tawstock Court, nr. Barnstaple.
	1887 May 3.	{WREY, PHILIP BOURCHIER SHERARD .. .. .}	26 Park Crescent, Brighton.
	1894 Jan. 9.	WRIGHT, ARTHUR .. .. .	Eng.'s Office, E. I. Ry., Calcutta.
	1884 Feb. 5.	*WRIGHT, FREDERICK ADLARD ..	East Indian Ry., Asansol, India.
	1886 Dec. 7.	*WRIGHT, HAROLD .. .. .	46 Dafforne Rd., Upper Tooting, S.W.
	1888 Feb. 7.	WRIGHT, JOHN JAMES .. .. .	18 Newgate Street, Chester.
	1890 Feb. 4.	WRIGHT, JOHN ROBERT MOSSE	1 Victoria Street, S.W.
	1883 Dec. 4.	WRIGHT, LEWIS THOMPSON ..	55 Sherburn Street, Hull.
	1892 Mar. 1.	*WRIGHT, THOMAS .. .. .	{Guildford Lodge, Howick St., Perth, Western Australia
	1892 Jan. 12.	WRIXON, HENRY .. .. .	Previte & Co., 2 Crosby Square, E.C.
t ✕	1890 May 6.	*WYATT, HENRY HERBERT	St. Cuthbert's Mills, Wells, Somerset.
	1883 May 29.	*WYATT, JAMES WILLIAM, F.C.H.	Sylvabelle, Lansdown Rd., Bourne- mouth.
	1878 May 7.	WYBROW, GEORGE DIGBY ..	F. A. Robinson & Co., 54 Old Broad
	1894. Dec. 4.	WYLDE, THOMAS .. .. .	P.W.D., Etawah, India. [St., E.C.
	1890 Jan. 14.	*WYLIE, GEORGE, F.C.H.	9 Victoria Street, S.W.
	1866 Feb. 6.	WYNDHAM, HENRY .. .. .	Tigroney, Ovoca, co. Wicklow.
	1861 Feb. 5.	WYNNE, ALBERT AUGUSTUS ..	11 Victoria Street, S.W. [Ireland.
	1871 Feb. 7.	*WYNNE, FRANCIS GEORGE	No. Counties Ry., Manorhamilton,
	1892 Mar. 1.	*WYNNE, HENRY EDWARD ..	{Burma Ruby Mines, Kyatpyin, Burma. [N.B.
	1891 Dec. 1.	WYNNE, THOMAS TRAFFORD ..	N.B. Ry. Dock Works, Methil, Fife,
	1888 Feb. 7.	*WYNNE-EDWARDS, HUGH COPNER	Borough Surveyor, Oswestry.
	1894 Dec. 4.	WYNNE-ROBERTS, ROBERT OWEN	Newport Ry., St. Lawrence Dene,
	1889 Dec. 3.	*WYNTER, GERALD MERRITT ..	Guildhall, Swansea. [I.W.
	1881 May 3.	WYRILL, RALPH HENRY ..	{F. W. Burrowes, Oakleigh, Ronde- bosch, Cape Town, C.C.
	1890 Dec. 2.	WYSE, ROBERT ANDERSON ..	Water Dept., Victoria, Hong Kong.
	1895 Dec. 3.	*XAVIER, ISIDORE MICHAEL ..	City Engineer, Bristol.
	1879 Mar. 4.	YANBICOM, THOMAS HENRY ..	Town Hall, Waterloo, Liverpool.
	1887 Feb. 1.	*YATES, FRED SPENCER ..	Wellbank, Sandbach, Cheshire.
	1884 Dec. 2.	YATES, OSWALD VASASOUR ..	17 Victoria Street, S.W.
	1895 Mar. 5.	YERBURY, FREDERICK AUGUSTUS	46 Queen Anne's Gate, S.W.
	1895 Dec. 3.	YOCKNEY, VICTOR HANSARD ..	Pacific Ry., Juniu, Buenos Ayres.
	1891 Dec. 1.	YORK, FRANCIS COLIN .. ..	

	Date of Election.	ASSOCIATE MEMBERS.			
	1895 Mar. 5.	YORK, HENRY, .. .. .	..	..	District Council, New Barnet.
m ✕	1895 Apr. 2.	*YOUNG, ALFRED ERNEST..	..	..	Govt. Survey, Perak, S.S.
	1892 Jan. 12.	YOUNG, EDWARD HERBERT	..	..	{ Central Chambers, South Castle St., Liverpool.
✕	1891 May 12.	*YOUNG, EVELYN HENRY ..	..	..	W. Watson & Co., Bombay.
✕	1889 Mar. 5.	YOUNG, HENRY WILLIAM ..	..	..	Midland Ry., Greymouth, N.Z.
✕	1893 Dec. 5.	*YOUNG, JAMES .. .. .	..	..	Caerleon, Bearsden, N.B.
	1882 Feb. 7.	*YOUNG, JULES DENT .. ..	..	..	18 York Street, Bath.
	1889 Mar. 5.	YOUNG, ROBERT AUSTIN ..	..	..	Westport, N.Z.
	1889 May 21.	YOUNG, ROBERT GEORGE ..	..	..	County Asylum, Colney Hatch, N.
	1892 Apr. 5.	YOUNG, WILLIAM CHRISTOPHER	..	..	Mozufferpore, Tirhoot, Bengal.
	1882 Dec. 5.	YOUNGER, THOMAS BROWN ..	..	..	Gasworks, Georgetown, B. Guiana.
	1871 Apr. 4.	YUILL, WILLIAM .. .. .	..	..	Orient Line Office, Sydney, N.S.W.
	1884 Mar. 4.	ZACHARIASEN, LARS SEVERIN ..	..	..	5 Victoria Street, S.W.

Total number of Associate Members      ..      ..      3,830.

## ASSOCIATES.

[Assoc. Inst. C.E.]

N.B. *Those elected prior to the 2nd of December, 1878, are entitled to the privileges of Corporate Membership, but not those subsequently elected.*

Date of Election.	ASSOCIATES.	
1861 May 28.	ABEL, CHARLES DENTON .. ..	{ 28 Southptn. Bds., Chancery La., W.C. (Patentable, London. 2729.)
1888 Apr. 10.	{ ACLAND, Capt. FRANCIS ED- WARD DYKE, late R.A. .. ..	{ 76 Cheapside, E.C. (Onager, London. 11,778.)
1859 Dec. 6.	AIRD, JOHN, M.P. .. ..	{ 37 Great George Street, S.W. (Loco., London. 3061.)
1886 Dec. 7.	AIRD, JOHN, Jun. .. ..	{ Ry. Dept., Yokohama, Japan.
1883 Dec. 4.	ALDRICH, ARTHUR STANHOPE ..	{ Allegheny, Penn., U.S.
1884 Mar. 4.	ANDREWS, JAMES .. ..	{ Municipal Offices, Liverpool.
1877 Apr. 10.	{ ANNETT, RICHARD CHARLES FRANCIS .. ..	{ Athenæum Club, Pall Mall, S.W.
1866 Dec. 4.	{ ARDAGH, Col. Sir JOHN CHARLES, R.E., K.C.I.E., C.B. .. ..	{ Clifton Woodhead, Brighouse.
1886 May 4.	ARMYTAGE, GEORGE JOHN ..	
1877 Dec. 4.	BACHE, ALFRED, B.A. .. ..	{ 19 Victoria Street, S.W. (3264.)
1889 Feb. 5.	BACK, FREDERICK .. ..	{ Govt. Rys., Hobart, Tasmania.
1869 Apr. 6.	{ BADGLEY, Col. WILLIAM FRAN- CIS, B.S.C. .. ..	{ Exmouth, Devon.
1879 May 6.	{ BAIN, Dr. JOHN WILLIAM DEVEREUX .. ..	{ Clare, South Australia.
1881 May 3.	{ BAIRD, Lt.-Col. ANDREW WILSON, R.E., F.R.S. .. ..	{ H.M. Mint, Calcutta.
1865 Feb. 7.	BARCLAY, CHARLES .. ..	{ The Manor Ho., Bayford, Hertford.
1891 May 5.	BARLING, JOSEPH .. ..	{ Under Secy., P.W.D., Sydney, N.S.W.
1889 Dec. 3.	{ BARNETT, GEORGE ALFRED, C.I.E. .. ..	{ G. I. P. Railway, Bombay.
1868 May 5.	BARROSO, <i>Chevalier</i> ZOSIMO ..	{ Villa Genebra, Avenida Tiradentes, São Paulo, Brazil.
1894 Dec. 4.	BARRY, CHARLES .. ..	{ 1 Victoria Street, S.W.
1895 Dec. 3.	{ BARWICK, FREDERICK MORTIMER, Captain H.M. Indian Marine	{ H.M. Dockyard, Bombay.
1885 Dec. 1.	{ BASTOS, JOSÉ JOAQUIM DE CARVALHO .. ..	{ Rio de Janeiro.
1882 Apr. 4.	{ BATE, Maj. CHARLES M'GUIRE, R.E. .. ..	{ R.E. Office, Mauritius,
1865 May 2.	BATTEN, JAMES BREND .. ..	{ 32 Great George St., S.W. [Thames.
1853 Dec. 6.	BAYLISS, JOHN .. ..	{ Westergate House, Kingston-on-
1864 Feb. 2.	BAYLISS, SAMUEL .. ..	{ 5 Hanover Ter., Regent's Pk., N.W.
1863 Feb. 4.	BEHR, FRITZ BERNARD .. ..	{ 6 Old Jewry, E.C.
1878 Mar. 5.	{ BELLASIS, Major GEORGE MON- TALT, B.S.C. .. ..	{ H. S. King & Co., 45 Pall Mall, S.W.
1878 May 28.	{ BEVAN, Rev. JAMES OLIVER, M.A. .. ..	{ 55 Gunterstone Rd., Kensington, W.
1885 May 19.	BIRT, WILLIAM .. ..	{ G. E. Ry., Liverpool St. Station, E.C. (Eastman, London. 632.)
1886 Dec. 7.	{ BIXBY, Major WILLIAM HER- BERT, U.S. Engs. .. ..	{ Room 20, P. O. Building, Phila- delphia, Pa., U.S.
1891 Jan. 13.	BLISSETT, THOMAS .. ..	{ Grindlay's, 55 Parliament St., S.W.
1896 Apr. 14.	BLOUNT, BERTRAM .. ..	{ 2 Broadway, Westminster, S.W.

	Date of Election.	ASSOCIATES.	
T t †	1856 Dec. 2.	BOULTON, SAMUEL BAGSTER ..	{ 64 Cannon Street, E.C. (Burboul, London. 1547.)
	1892 Dec. 6.	BOUSFIELD, JOHN EBENEZER ..	{ 4 South Street, Finsbury, E.C. (In-vention, London.)
	1881 Feb. 1.	{ *BOUSFIELD, WILLIAM ROBERT, Q.C., M.P. .. .. .	2 Crown Office Row, Temple, E.C.
†	{ 1841 June 15. 1867 Nov. 26. }	BOUSTEAD, JOHN .. .. .	34 Craven Street, Strand, W.C.
	1887 Apr. 5.	{ BOWMAN, FREDERIC HUNGER- FORD, D. Sc., F.R.S.E. ..	Mayfield, Knutsford, Cheshire.
†	1865 Feb. 7.	BRAND, JAMES .. .. .	172 Buchanan Street, Glasgow.
	1866 Dec. 4.	BRASSEY, Lord, K.C.B., D.C.L.	4 Great George Street, S.W. (3002.)
	1877 Feb. 6.	{ BRIDGFORD, Major SIDNEY THOMAS, R.M.A. .. .. .	Army and Navy Club, S.W.
	1869 Dec. 7.	BRISTOW, EBENEZER JOHN ..	1 Copthall Buildings, E.C.
t †	1871 Dec. 5.	{ BROWNE, Maj.-Gen. Sir JAMES, R.E., K.C.S.I., C.B. .. .. .	Grindlay & Co., Calcutta.
	1864 Feb. 2.	BROWNING, ARTHUR GIRAUD ..	16 Victoria St., S.W. (Friday, London.)
	1852 Dec. 7.	BRYDGES, CHARLES JOHN ..	Hudson Bay Co., Winnipeg, Canada.
	1869 May 4.	BUNTEN, JAMES CLARK .. ..	{ Anderston Foundry, Glasgow. (Also Glasgow.)
	1895 Dec. 3.	BURT, GEORGE .. .. .	19 Grosvenor Road, S.W.
	1886 Apr. 6.	BURT, JOHN MOWLEM .. ..	19 Grosvenor Road, S.W.
	1872 Feb. 6.	BUTLER, JAMES WILLIAM ..	Blyth Ho., Humber Rd., Blackheath.
	1876 Dec. 5.	{ CALL, Lt. - Colonel CHARLES FREDERIC, late R.E. .. ..	7 Pelham Crescent, S.W.
	1866 Dec. 4.	{ CAPPEL, Sir ALBERT J. LEPTOC, K.C.I.E. .. .. .	27 Kensington Court Gardens, S.W.
†	1880 Feb. 3.	CAPPER, ROBERT .. .. .	18 Parliament Street, S.W.
	1885 Jan. 13.	CARD, HENRY .. .. .	County Surveyor, Lewes.
	1869 Apr. 6.	CARPMAEL, ARTHUR .. ..	24 Southampton Bldgs., W.C. (2608.)
	1879 May 6.	CARPMAEL, EDWARD, B.A. ..	{ The Iviess, St. Julian's Farm Rd., Norwood, S.E.
	1889 Apr. 2.	{ CARRUTHERS - WAIN, WILLIAM JAMES .. .. .	18 Eldon Street, E.C. (Pentangle, London. 825.)
	1868 Apr. 7.	{ CASEBOURNE, CHARLES TOWN- SHEND .. .. .	Cement Works, West Hartlepool.
	1867 May 21.	CASTLE, EDWARD JAMES, Q.C.	8 King's Bench Walk, Temple, E.C.
	1873 Feb. 4.	CASTLE, HENRY JAMES .. ..	37 Bedford Row, W.C.
	1865 May 23.	CAWELL, WILLIAM .. ..	Euston Station, N.W.
	1865 Feb. 7.	CERERO, General RAFAEL ..	Ingenieros del Ejercito, Madrid.
T t †	1867 May 21.	CHANCE, JAMES TIMMINS, M.A.	51 Princes Gate, S.W.
	1879 Mar. 4.	CLARK, MATEO .. .. .	9 New Broad Street, E.C. (1078.)
†	1865 Apr. 4.	{ CLARKE, Lt.-Gen. Sir ANDREW, G.C.M.G., C.B., C.I.E., late R.E.	42 Portland Place, W.
	1872 Feb. 6.	CLEGHORN, JOHN .. .. .	3 Spring Gardens, S.W.
	1863 Apr. 7.	CLUTTON, ROBERT GEORGE ..	9 Whitehall Place, S.W.
	1867 Feb. 5.	COLBRON, JOSEPH PARKIN ..	2 Osborne St., Cliftonville, Brighton.
	1861 May 7.	{ COLLINSON, Maj.-Gen. THOMAS BERNARD, late R.E. .. ..	Little Haven, Ealing, W.
	1876 May 2.	COOK, HENRY .. .. .	Furness Ry., Barrow-in-Furness.
	1883 Feb. 6.	{ COOMBS, Commander WILLIAM HERON, R.N. .. .. .	Port of Spain, Trinidad.
	1885 May 5.	COPUS, GEORGE .. .. .	Colne Valley Ry., Halstead.
	1876 Dec. 5.	CORBETT, JOHN .. .. .	Impney, Droitwich.
	1859 Mar. 1.	CORRY, EDWARD .. .. .	Essex House, West Hill, Putney.
	1839 Apr. 30.	COTTAM, EDWARD .. .. .	48 The Avenue, Ealing, W. [S.W.]
	1859 Dec. 6.		
	1890 Apr. 1.	COWARD, EDWARD .. .. .	Cotton Mills, Heaton Mersey, Lancs.
	1885 Dec. 1.	COX, EDMUND PENLEY .. ..	Pernambuco, Brazil.
	1874 May 12.	CRAMPTON, THOMAS HILLAS, B.A.	100 Eaton Place S.W.



	Date of Election.	ASSOCIATES.	
	1879 Apr. 1.	CRESSWELL, JOHN .. ..	Moot Hall, Newcastle-on-Tyne.
	1877 May 29.	CROFTON, EDWARD, M.A. ..	45 West Cromwell Road, S.W.
	1884 May 27.	CROOKENDEN, ISAAC ADOLPHUS	{ East London Waterworks Co., 15A St. Helen's Place, E.C.
	1890 Jan. 14.	CUBILLO, Lt.-Col. LEANDRO ..	Trubia, Spain.
✦	1880 Jan. 13.	CUNINGHAM, WILLIAM MARTIN	Goff's Oak, Cheshunt, Herts.
T t ✦	1882 Dec. 5.	{ CUNINGHAM, Lt.-Col. ALLAN } { J. C., late R.E. .. .. }	20 Essex Villas, Kensington, W.
	1848 Apr. 4.	CURREY, HENRY .. ..	37 Norfolk Street, Strand, W.C.
	1882 May 2.	CUTBILL, WALTER JOHN CHARLES	37 Old Jewry, E.C.
	1891 Jan. 13.	DALLAS, Captain JAMES, R.E.	Military Dept., Supreme Govt., India.
	1881 Mar. 1.	DASH, THOMAS ALEXIS .. ..	Woodham, Addlestone, Surrey.
	1874 Dec. 1.	DAVIS, ALFRED .. ..	13 St. Ermin's Man., Westminster, S.W.
	1883 Dec. 4.	DAWKINS, W. BOYD, M.A., F.R.S.	Woodhurst, Fallowfield, Manchester.
t ✦	1867 Dec. 3.	DELANO, WILLIAM HENRY ..	117 Quai de Valmy, Paris.
	1877 Dec. 4.	DE RANCE, CHARLES EUGENE ..	55 Stoke Rd., Shelton, Stoke-on-Trent.
	1874 Apr. 14.	DERWENT, Lord .. ..	Hackness Hall, Scarborough.
	1885 May 19.	DIXON, JOHN .. ..	Dock Office, Southampton.
	1891 Dec. 1.	DONKIN, JOHN BLOYD .. ..	Union Club, Sydney, N.S.W.
	1886 Jan. 12.	DOULTON, Sir HENRY .. ..	{ Lambeth Pottery, S.E. (Doulton, London. 4621.)
	1875 Apr. 6.	DOWDEN, Col. THOS. F., late R.E.	Cox & Co., Charing Cross, S.W.
	1879 Dec. 2.	{ DRAKE-BROCKMAN, Col. RALPH } { RHENIUS EVANS, R.E. .. }	Chief Engineer for Irrigation, Madras.
	1868 Dec. 1.	{ DUCAT, Col. WALTER MARDON, } { late R.E. .. .. }	13 Devonshire Ter., Lancaster Gate, W.
	1871 Feb. 7.	DUNLOP, ALEXANDER MILNE ..	53 Parliament Street, S.W.
	1894 Dec. 4.	DUPRAT, AUGUSTO .. ..	Ry., Rio Grande do Sul, Brazil.
	1888 Dec. 4.	EDDY, EDWARD MILLER GARD	Chief Commr. for Rys., Sydney, N.S.W.
	1866 Jan. 9.	{ EDGCOMBE, Maj.-Gen. WILLIAM } { HENRY, late R.E. .. .. }	Coopers Hill Lodge, Englefield Green, Staines.
	1876 Dec. 5.	ELLIS, BASIL PYM .. ..	59 Belvedere Rd., Lambeth, S.E.
	1857 Feb. 3.	EPSTEIN, LEON .. ..	Warsaw, Poland.
	1872 Dec. 3.	{ EVANS, Sir FRANCIS HENRY, } { K.C.M.G., M.P. .. .. }	Tubbendens, Orpington, Kent.
L ✦	1859 Dec. 6.	{ EVANS, Sir JOHN, K.C.B., F.R.S., } { D.Sc. .. .. }	Nash Mills, Hemel Hempstead.
	1868 Feb. 4.	FAVIELL, WILLIAM FREDERICK	Sandhurst, Tunbridge Wells.
	1863 Mar. 3.	FELL, JOHN BARRACLOUGH ..	68 Leyland Road, Southport.
	1866 Jan. 9.	FENTON, Sir MYLES .. ..	S. E. Ry., London Bridge Station.
	1877 Feb. 6.	FENWICK, GEORGE TOWNSEND	Forres Park, Trinidad. [S.E.]
	1844 Apr. 2.	FERRIÈRES, The Baron Du Bois DE	Bayshill House, Cheltenham. [muds.]
	1864 May 1.	FIELD, SIDNEY .. ..	Ashfield Lodge, nr. Bury St. Ed.
	1877 Mar. 29.	{ FIREBRACE, Col. FREDERICK, } { R.E. .. .. }	28 Old Queen Street, Westminster, S.W.
	1865 Mar. 7.	FORRES, JAMES STAATS .. ..	L. C. & D. Ry., Victoria, S.W. (3170.)
	1852 May 4.	{ FORREST, JAMES (Honorary } { Secretary.)	{ Great George Street, S.W. (Insti- tution, London. 3051.)
	1871 Feb. 7.	FREEMAN, WILLIAM GEORGE	20 Athenæum St., Plymouth.
	1895 Dec. 3.	FREEMAN, WILLIAM ROBERT	19 Grosvenor Road, S.W.
	1875 Jan. 12.	{ FRERE, Lt.-Col. RICHARD } { TUDOR, late R.E. .. .. }	Northercroft, Dulwich Common, S.E.
	1864 Feb. 2.	FURNESS, GEORGE .. ..	The Grange, Willesden Green, N.W.
	1889 Feb. 5.	GARNETT, WILLIAM TERRELL	Lucan House, Ripon.
	1896 Jan. 14.	GIBB, GEORGE STEGMANN ..	General Manager, N.E. Ry., York.
	1895 Dec. 3.	{ GIBSON, Captain JAMES AU- } { BREY, R.E. .. .. }	Military Works Dept., Agra, India.

Date of Election.		ASSOCIATES.	
1876 Dec. 5.	GIBBS, WILLIAM HENRY ..	Cedars Estate, West Kensington.	
1867 Mar. 5.	GILBERTSON, FRANCIS BRAMAH	{ 10 Hargreaves Buildings, Liverpool. (Gilbertson, Liverpool.)	
1883 Jan. 9.	GODFREY, GEORGE BROWN ..	12 Victoria Street, S.W.	
1878 Mar. 5.	{ GORDON, Col. EDWARD SMITH, late R.A. .. .. . }	37 Howley Place, Paddington, W.	
1878 Feb. 5.	GRIFFITHS, HENRY .. ..	3 Park Cres., Harlesden, N.W.	
1872 Apr. 9.	GRINLINTON, Sir JOHN JOSEPH	{ Rose Hill, Middle Wallop, Stock- bridge, Hants.	
1879 Dec. 2.	GUEST, ARTHUR EDWARD ..	40 Halfmoon St., Piccadilly, W.	
1872 May 7.	GÜMPPEL, CHARLES GODFREY	{ 22 Christchurch Rd., Streatham Hill, S.W.	
1874 Dec. 1.	GUNN, WILLIAM CECIL .. ..	7A Laurence Pountney Hill, E.C.	
1878 Mar. 5.	{ HAMMOND, Commander GEORGE CRISPIN, R.N. .. .. }	5 Beacon Terrace, Falmouth.	
1871 Dec. 5.	HARDING, JOSEPH RAKE .. ..	Local Board of Health, Epsom.	
1866 May 15.	HARGROVE, JAMES SIDNEY ..	16 Victoria Street, S.W.	
1887 Dec. 6.	{ HARRISON, Gen. Sir RICHARD, R.E.; K.C.B., C.M.G. .. }	Hawley Hill, Blackwater, Hants.	
1875 Apr. 6.	HART, CHARLES FREDERICK ..	Devizes, Wilts.	
1858 Apr. 13.	HAWKINS, WILLIAM BAILEY ..	{ 39 Lombard Street, E.C. (Bailey Hawkins, London.)	
1872 Mar. 5.	{ HAYDON, Lt.-Col. WILLIAM HENRY, late R.E. .. .. }	Malmesbury, Wilts.	
1881 Dec. 6.	{ HEATHORN, Capt. T. BRIDGES, late R.A. .. .. . }	10 Wilton Pl., S.W. (Kamar, London.)	
1855 Feb. 6.	HEDGER, PHILIP .. .. .	Coulsdon, The Avenue, Surbiton.	
1869 Dec. 7.	HEWITT, ABRAM STEVENS .. ..	New York, U.S.	
1851 Apr. 1.	HILL, JULIAN .. .. .	8 Dean's Yard, Westminster, S.W.	
1885 Dec. 1.	HILL, VINCENT WALKER .. ..	Hull and Barnsley Railway, Hull.	
1876 Jan. 11.	{ HIME, Lt.-Col. ALBERT HENRY, C.M.G., late R.E. .. .. }	Maritzburg, Natal.	
1878 Feb. 5.	HODGES, WILLIAM HENRY .. ..	Midland Railway, Derby.	
1876 May 30.	HODGSON, HENRY TYLSTON .. ..	Harpenden, Herts. [de Janeiro.	
1868 Dec. 1.	HOLGATE, JOHN THOMAS .. ..	176 Rua do Riachuelo, Caixa 457, Rio	
1881 Mar. 1.	HOLLINGS, JAMES SPENCER .. ..	249 Birchfield Rd., Handsw'th, Staffs.	
1877 Mar. 6.	HOLME, ARTHUR HILL .. ..	{ Delfield, Aigburth, near Liverpool. (Holme, Liverpool.)	
✠ 1886 Feb. 2.	HOPE, WILLIAM .. .. .	10 Blackstock St., Liverpool.	
1867 Dec. 3.	HOWARD, JOHN .. .. .	17 Victoria Street, S.W.	
1862 Jan. 14.	HUNT, HENRY ARTHUR .. ..	45 Parliament Street, S.W.	
1865 Apr. 4.	HUTCHINSON, ALFRED .. ..	62 Highbury Park, N.	
1874 Mar. 3.	{ HUTCHINSON, M.-Gen. C. SCROPE, C.B., late R.E. .. .. }	14 Kidbrook Park Rd., Blackheath. S.E.	
1858 Dec. 7.	ISAACS, LEWIS HENRY .. ..	3 Verulam Bldgs., Gray's Inn, W.C.	
1879 Feb. 4.	IZARD, FRANCIS HENRY .. ..	10 The Paragon, Blackheath, S.E.	
1887 May 3.	JACKSON, Sir JOHN, F.R.S.E.	3 Victoria Street, S.W.	
✠ 1876 Feb. 1.	{ JACOB, Col. SAMUEL SWINTON, C.I.E. .. .. . }	Jeypore, Rajputana, India.	
1866 Feb. 6.	JAMES, FREDERICK .. .. .	48 Tregunter Rd., Brompton, S.W.	
1876 Dec. 5.	JAMES, JOHN WILLIAM .. ..	Tanasari, Blakehurst, N.S.W.	
1891 Dec. 1.	{ JARINTZOFF, DMITRI THEODOR, I.R.N. .. .. . }	Inspector-General, Admiralty, St Petersburg.	
1876 Apr. 4.	JEFFERIES, THOMAS .. ..	Newbay, Wexford.	
1857 Feb. 3.	{ JERVOIS, Lt.-Gen. Sir WILLIAM FRANCIS DRUMMOND, G.C.M.G., C.B., F.R.S., late R.E. .. .. }	Merlewood, Virginia Water.	

Date of Election.		ASSOCIATES.	
1865 May	2.	JOHNSON, JOHN HENRY .. ..	47 Lincoln's Inn Fields, W.C. (2646.)
1887 Dec.	6.	JORDAN, WILLIAM LEIGHTON ..	25 Jermyn Street. S.W. [ton.
1891 Dec.	4.	JUDD, JOSEPH HENRY .. ..	Whitworth Ho., Florence Rd., Brigh-
1870 May	3.	KENDREW, JOHN ANTHONY ..	The Ollands, Recphem, nr. Norwich.
1857 Jan.	13.	KENNARD, HOWARD JOHN ..	20 Hyde Park Terrace, W.
1885 Dec.	1.	KERNOT, Prof. WILLIAM CHARLES	University, Melbourne, Victoria.
1871 Dec.	5.	LAMBERT, EDWARD TILEY, B.A.	Telham Court, Battle.
1884 Dec.	2.	LASS, ALFRED .. .. .	30 Gracechurch Street, E.C.
1869 Dec.	7.	LAWRENCE, EDWIN, B.A., LL.B.	King's Ride, Ascot, Berks.
1861 Mar.	5.	LEE, JOHN COCKBURN FRANCIS	108 Queen's Gate, S.W.
1888 May	15.	{LEWIS, HENRY FREDERICK WILLIAM .. .. .}	48 Sydenham Road, Croydon.
1877 May	29.	{LIMA, Capt. PEDRO BENJAMIN DE CERQUEIRA, Imp. Braz. Navy}	74 Rua da Quitanda, Rio de Janeiro.
1895 Dec.	3.	{LINDSELL, Lt.-Col. JOHN BAR- BER, late R.E. .. .. .}	The Elms, Old Windsor.
1881 Feb.	1.	{LINGARD - MONK, RICHARD BOUGHEY MONK .. .. .}	M. S. and L. Ry., Manchester.
1877 May	1.	{LITTLER, RALPH DANIEL MAKIN- SON, C.B., Q.C. .. .. .}	6 Pump Court, Temple, E.C. (3148.)
1876 May	2.	LLOYD, GEORGE BRAITHWAITE	Edgbaston Grove, Birmingham.
1894 Apr.	3.	LONGRIDGE, CECIL CLEMENT ..	Kingswear, South Devon.
1883 Dec.	4.	LORIMER, WILLIAM .. .. .	Glasgow Loco. Works, Glasgow.
1865 Mar.	7.	LOVATT, HENRY .. .. .	Darlington Street, Wolverhampton.
1879 Dec.	2.	LUCAS, ARTHUR CHARLES ..	37 Great George Street, S.W. (Loco.
1864 Dec.	6.	LUCAS, Sir THOMAS, Bart. ..	London. 3061.)
1882 Dec.	5.	LYTE, FARNHAM MAXWELL ..	60 Finborough Rd., Kensington, S.W.
1893 Jan.	10.	MACAULAY, FREDERIC JULIUS	L. & S.W. Ry., Waterloo Bridge, S.E.
1880 Mar.	2.	{MCALLUM, Major HENRY EDWARD, R.E., C.M.G. ..}	Junior United Service Club, Charles Street, St. James's, S.W.
1890 Dec.	2.	MCCORMICK, JOHN .. .. .	{N. M. & Agency Co. of N.Z. Melbourne, Victoria.
1881 Dec.	6.	{MCLWRAITH, Sir THOMAS, K.C.M.G., LL.D. .. ..}	Brisbane, Queensland.
1873 Jan.	14.	MACKAY, JOHN .. .. .	South Bank, Hereford.
1851 Jan.	21.	{MCKERLIE, Col. Sir JOHN GRAHAM, K.C.B., late R.E.}	9 Clifton Ter., Monkstown, Dublin
1868 Apr.	7.	{MACKWORTH, Col. Sir ARTHUR WILLIAM, Bart., R.E. ..}	South Camp, Aldershot.
1872 Dec.	3.	{MCNAIR, Major JOHN FRED- ERICK ADOLPHUS, R.A., C.M.G. .. .. .}	Scotia, Preston Park, Brighton.
1888 May	15.	{MANN, Maj.-General JAMES ROBERT, C.M.G., late R.E.}	120 Cromwell Road, S.W.
1865 Feb.	7.	{MARTIN, Sir FREDERICK THORPE, Bart., M.P. .. .. .}	38 Prince's Gate, S.W.
1889 Jan.	8.	MARGETTS, WILLIAM GEORGE	Ring's Hill Lodge, nr. Rochester.
1864 Apr.	5.	MARTIN, SAMUEL GARLICK ..	{Little Morskoi 19, St. Petersburg. (Martin, Petersburg.)
1892 Dec.	6.	{*MARTIN, WILLIAM, B.A., LL.B., Wh. Sec. .. .. .}	Patent Office, Southampton Bldgs., W.C.
✠ 1857 Mar.	3.	{MARTINDALE, Col. BEN HAY, C.B., late R.E. .. .. .}	The Cottage, Albury, Surrey.
1880 Dec.	7.	MATTHEY, GEORGE, F.R.S. ..	75 Hatton Garden, E.C.
1859 Apr.	5.	MEREDITH, JOHN BULT ..	College Wharf, Belvedere Road, S.E.
1856 Mar.	4.	METFORD, WILLIAM ELLIS ..	Elm Lane, Upper Redland, Bristol.
1882 Dec.	5.	MEYER, HENRY CODDINGTON ..	277 Pearl St., New York, U.S.

	Date of Election.	ASSOCIATES.	
	1877 Apr. 10.	MIDDLETON, JOHN THOMAS ..	Banbury Rd., Brackley, Northants.
	1874 Dec. 1.	{ MILLER, Col. JOHN FRANCIS } JAMES, B.S.C. .. ..	Watson & Co., 27 Leadenhall St., E.C.
	1879 Apr. 1.	MILLYARD, JOHN WILLIAM ..	Littlebridge, Bromyard, Worcester.
	1879 May 27.	MOBERLY, GEORGE ERNEST ..	Orwell Works, Ipswich.
	1887 Dec. 6.	MORGAN, JOSEPH BOND ..	Stand Ho., Childwall, nr. Liverpool.
	1879 May 27.	MORRIS, JAMES .. ..	Dean Lane, Bombay.
m	1873 May 20.	*MORT, FREDERICK HARRY ..	c/o. Parr's Bank, Widnes, Lancs.
	1883 May 1.	MOULTON, JOHN FLETCHER, Q.C.	57 Onslow Square, S.W.
	1877 May 1.	MOUSLEY, JAMES ALFRED ..	St. Germain's, St. Albans.
	1879 May 6.	MOUSLEY, WILLIAM THOMAS ..	Fair Oak House, Rugeley, Staffs.
	1850 Apr. 2.	MUNDAY, GEORGE JAMES ..	Catherine House, Trinity Sq., E.C.
	1879 Dec. 2.	{ NEWMARCH, Maj.-Gen. GEORGE, } late R.E. .. ..	6 Norfolk Terrace, Brighton.
	1879 Feb. 4.	NEWTON, FRANCIS MURRAY ..	Barton Grange, Taunton. [London.]
	1878 Mar. 5.	NEWTON, GEORGE BOLLAND ..	N.L. Ry., Euston, N.W. (Railing,
	1872 Dec. 3.	{ NICHOLSON, Brig. - General } WILLIAM GUSTAVUS, C.B., R.E.)	Murree, Punjab.
	1878 Feb. 5.	NOTMAN, HENRY WILKES ..	{ Cholmley Lodge, West End, Kilburn, N.W.
	1866 Mar. 6.	OAKLEY, Sir HENRY .. ..	G. N. Ry., King's Cross, N.
T †	1866 Feb. 6.	{ O'CONNELL, Maj.-Gen. PETER } PIERCE LYONS, late R.E. .. }	Battledown View, Cheltenham.
	1868 Mar. 3.	OGILVIE, PATRICK .. ..	Hambledon, Hants.
✦	1878 Feb. 5.	OGSTON, GEORGE HENRY ..	39 Lime Street, E.C.
	1883 Feb. 6.	{ OLIVIER, Maj. HENRY DACRES, } R.E. .. ..	Grindlay, Groom & Co., Bombay.
	1872 Apr. 9.	PAGET, BERKELEY .. ..	2 Laurence Pountney Hill, E.C.
	1891 May 12.	PAGET, GEORGE ERNEST ..	Sutton Bonington, Loughborough.
	1877 Jan. 16.	PAIN, COARD SQUAREY ..	14 North John Street, Liverpool.
	1891 Feb. 3.	{ PAUL, Capt. ERNEST MONCREIFF, } R.E. .. ..	S.M.E., Chatham.
	1895 Dec. 3.	{ PAULING, GEORGE CRAIG } SAUNDERS .. ..	British South Africa Co., Salisbury, Mashonaland.
	1872 Dec. 3.	PAYNE, ALEXANDER .. ..	Norfolk Ho., Victoria Embankment,
	1869 Dec. 7.	{ PEASE, Sir JOSEPH WHITWELL, } Bart., M.P. .. ..	Hutton Hall, Guisborough. [W.C.
	1876 May 30.	{ PEILE, Lt.-Gen. FRED. WESTON, } late R.E. .. ..	Broomhill, Inverness, N.B.
	1876 Feb. 1.	{ PEMBERTON, Maj.-Gen. ROBERT } CHARLES BOILEAU, C.S.I., late R.E. .. ..	13 Cresswell Gardens, S.W. [stone.
	1844 Mar. 5.	PEPPER, JOHN HENRY ..	3 Yale Ter., Colworth Rd., Leyton-
	1878 Mar. 5.	PERKS, ROBERT WILLIAM, M.P.	11 Kensington Palace Gardens, W.
	1888 Dec. 4.	PERRY, WILLIAM ALFRED ..	Henry R. Worthington, New York, [U.S.
	1885 Apr. 14.	PESTONJEE, NOWROJEE ..	Ahmedabad, India.
T †	1860 Mar. 6.	PHILLIPS, JOSEPH .. ..	11 Victoria Street, S.W.
	1862 Mar. 4.	PICKERING, JOHN .. ..	110 Lexham Gds., Cromwell Rd., S.W.
	1871 Feb. 7.	PIDGEON, DANIEL .. ..	The Long House, Leatherhead.
	1849 Apr. 3.	PIPER, WILLIAM .. ..	Beechwood, Highgate, N.
	1869 Dec. 7.	{ POLLARD, Lt.-Gen. CHARLES, } late R.E. .. ..	Grindlay's, 55 Parliament St., S.W.
T t †	1869 Dec. 7.	{ PRESTWICH, Sir JOSEPH, M.A., } F.R.S. .. ..	Shoreham, Sevenoaks, Kent.
	1872 Jan. 9.	PYE-SMITH, ARTHUR .. ..	St. Pancras Ironworks, N.W.

		Date of Election.	ASSOCIATES.	
	1891	Mar. 3.	RADCLIFFE, ALEXANDER NELSON	{ 20 Craven St., Strand, W.C. (Drac- cliffe, London. 2505).
	1883	Dec. 4.	RANDALL, JOSEPH .. ..	Warren Lane Works, Woolwich.
	1874	Dec. 1.	RAWLINS, JOHN .. ..	The Mount, Erdington, Birmingham.
T t	1872	Feb. 6.	REDGHAVE, GILBERT RICHARD	The Elms, Westgate Rd., Beckenham.
t	1892	Jan. 12.	REDWOOD, BOVERTON, F.R.S.E.	{ 4 Bishopsgate St. Within, E.C. (Olefant, London.)
	1859	Feb. 1.	REID, JAMES .. ..	12 Wharf Road, City Road, N.
	1872	May 7.	*REYNOLDS, THOMAS .. ..	{ 18 St. Swithin's Lane, E.C. (Reynolds, London.)
	1870	Mar. 1.	{ RICARDE-SEAVER, Maj. FRANCIS IGNACIO, F.R.S.E. .. .. }	Athenaeum Club, S.W.
	1871	Feb. 7.	RICKMAN, THOMAS MILLER .. ..	8 Montague St., Russell Square, W.C.
T t	1856	Mar. 4.	RIDLEY, THOMAS DAWSON .. ..	Coatham, Redcar.
	1891	Dec. 1.	ROBERTS, ROBERT .. ..	Overleigh, Hough Green, Chester.
	1868	Apr. 7.	ROBINSON, FRANCIS WILLIAM .. ..	44 Acacia Rd., St. John's Wood, N.W.
	1895	Dec. 3.	ROBINSON, FREDERICK ARTHUR	54 Old Broad Street, E.C.
T	1849	Mar. 6.	ROBINSON, HENRY .. ..	{ Rittergut Rinkendorf bei Tzschel- schel, Kreis Sorau, Prussia.
	1893	Apr. 11.	ROBINSON, JAMES CLIFTON	Tramways Co., Clare St. House, Bristol.
	1859	May 3.	ROBINSON, JOHN .. ..	7 Middle Scotland Yard, S.W.
	1884	Jan. 8.	ROCH, THOMAS JAMES .. ..	2 Lime Street Square, E.C.
	1868	May 5.	RYDON, HORACE JAMES .. ..	31 Highbury New Park, N.
	1840	June 2.	{ SALE, Col. THOMAS HENRY, late R.E. .. .. }	147 Gloucester Ter., Hyde Park, W.
	1882	May 23.	{ SALOMONS, Sir DAVID LIONEL, Bart. .. .. }	49 Grosvenor Street, W.
	1880	May 25.	{ SANFORD, Maj.-Gen. GEORGE EDWARD LANGHAM SOMERSET, R.E., C.B., C.S.I. .. .. }	Army Head Quarters, Simla, India.
	1884	Jan. 8.	{ SANKEY, Lt.-Gen. Sir RICHARD H., K.C.B., late R.E. .. .. }	68 Merrion Square, Dublin.
	1869	Apr. 6.	{ SARGEAUNT, Colonel RICHARD ARTHUR, late R.E. .. .. }	12 Linden Road, Bedford.
	1888	Feb. 7.	{ SCOTT, Maj.-Gen. ALEXANDER DE COURCY, late R.E. .. .. }	86 Cornwall Gardens, S.W.
	1865	Dec. 5.	SCOTT, ARCHIBALD .. ..	L. & S.W. Ry., Waterloo, S.E.
	1883	Mar. 6.	{ SCOTT, Major BUCHANAN, R.E., C.I.E. .. .. }	Grindlay's, 55 Parliament St., S.W.
	1868	May 5.	{ SCOTT-MONCRIEFF, Col. Sir COLIN CAMPBELL, K.C.M.G., C.S.I., late R.E. .. .. }	11 Cheyne Walk, Chelsea, S.W.
	1892	Dec. 6.	{ SCOTT - MONCRIEFF, Major GEORGE KENNETH, R.E. .. .. }	Brompton Barracks, Chatham.
	1887	Dec. 6.	SCRATCHLEY, PHILIP ARTHUR, M.A.	17 Victoria Street, S.W.
	1861	Mar. 5.	SICH, HENRY WYNDHAM .. ..	Chilston Rd., Tunbridge Wells.
	1861	Feb. 5.	SILVER, Col. HUGH ADAMS .. ..	Abbey Lodge, Chislehurst.
	1869	May 11.	SIMONS, HENRY MINCHIN .. ..	39 Lime Street, E.C.
	1853	Jan. 11.	SINCLAIR, ARTHUR .. ..	St. Helens, Lancashire. [Allan's.
	1875	Apr. 6.	SMITH, CHARLES .. ..	Sir H. Gilbert, F.R.S., Harpenden, St.
	1888	Apr. 10.	SMITH, JOSEPH HENRY .. ..	{ Sulphide Corporation, 84 Lombard Street, E.C.
	1885	May 19.	SPEIGHT, RICHARD .. ..	Ry. Dept., Melbourne, Victoria.
	1878	Mar. 5.	SPENCER, SAMUEL .. ..	{ 14 Great St. Thomas Apostle, E.C. (Tubes, London.)
	1896	Apr. 14.	{ SPILSBURY, Major EDGAR CHARLES, R.E. .. .. }	P.W.D., Ajmere, India.
+	1879	Mar. 4.	SQUIRE, JOHN BARRET .. ..	297 Clapham Road, S.W.
	1862	Jan. 14.	STALBRIDGE, Lord .. ..	12 Upper Brook Street, W.
	1871	Mar. 7.	STERNE, LOUIS .. ..	{ 28 Victoria Street, S.W. (Elsterne, London. 3066.)

Date of Admission.	ASSOCIATES.	
1895 Dec. 3.	STEVENS, GEORGE JAMES ..	{ Caixa 308, Correiro Gerae, Rio de Janeiro.
1874 Apr. 14.	STEWART, GILBERT MACLEOD ..	{ 9 Bridge Street, Westminster, S.W.
1893. Dec. 5.	STEWART, <i>Captain</i> JAMES, R.E.	{ M.W.D., Agra, India.
1869 Mar. 2.	{ STEWART, <i>Maj.-General</i> JOHN HERON MAXWELL SHAW, <i>late</i> R.E., F.R.S.E. .. .. }	{ 61 Lancaster Gate, W.
1875 Jan. 12.	{ STOKES, <i>Lt.-Gen.</i> Sir JOHN, K.C.B., <i>late</i> R.E. .. .. }	{ Spring House, Ewell, Surrey.
1876 Feb. 1.	STREET, WILLIAM CHARLES ..	{ 7 Victoria Street, S.W.
t + 1862 May 6.	SUGG, WILLIAM THOMAS ..	{ Regency St., Westminster, S.W.
1878 Mar. 5.	SWAN, HUGH HENRY ..	{ G. I. P. Ry., Bombay.
1868 Mar. 3.	SWARBRICK, SAMUEL ..	{ The Cedars, The Green, Tottenham.
1883 Jan. 9.	THEOBALD, JOHN WILSON ..	{ Birchwood, Park Hill Rd., Croydon.
1879 Apr. 1.	{ *THOMPSON, <i>Sir</i> THOMAS RAIKES, Bart. .. .. }	{ Junior Carlton Club, Pall Mall, S.W.
1859 May 3.	THOMSON, JOHN ..	{ Clutha, Culverden Pk., Tunbridge Wells.
1880 Jan. 13.	TOPHAM, WILLIAM HAMFSON ..	{ 2 Great George Street, S.W. (Canal, London.)
1888 Mar. 6	TRAUTWINE, JOHN CRESSON, Jr.	{ 257 South 4th St., Philadelphia, U.S.
T + 1838 May 8.	{ TREMENHEERE, <i>Maj. - General</i> GEORGE BORLASE, <i>late</i> R.E.	{ Spring Grove, Isleworth.
1884 Apr. 1.	{ TRESIDDER, <i>Capt.</i> TOLMIE JOHN, C.M.G., <i>late</i> R.E. .. .. }	{ Atlas Works, Sheffield.
1873 Mar. 4.	{ TREVOR, <i>M.-Gen.</i> JOHN SALUS- BURY, C.S.I., <i>late</i> R.E. .. .. }	{ 75 Ladbroke Road, Notting Hill, W.
1885 Dec. 1.	TURNER, SAMUEL LUCAS ..	{ Placerville, El Dorado Co., Cal., U.S.
1861 Mar. 5.	TYER, EDWARD ..	{ Ashwin Street, Dalston, E.
T t + 1853 May 3.	{ TYLER, <i>Captain</i> Sir HENRY WHATLEY, <i>late</i> R.E. .. .. }	{ Linden House, Highgate Road, N.W.
1868 Mar. 3.	VICKERS, ALBERT ..	{ 28 Victoria Street, S.W.
1869 Dec. 7.	VIGERS, ROBERT ..	{ 4 Frederick's Pl., Old Jewry, E.C.
1862 Dec. 2.	WADDINGTON, JOHN ..	{ 35 King William Street, E.C.(1518.)
1894 Dec. 4.	WALKER, CHARLES HAY ..	{ 15 Great George Street, S.W.
1868 Apr. 7.	WALLIS, JAMES JOHN ..	{ Sutton Lodge, West Molesey, Surrey.
1879 May 27.	WARNER, ROBERT ..	{ Crescent Foundry, Cripplegate, E.C. (Big Ben, London.)
1866 Apr. 10.	{ WARREN, <i>Maj.-Gen.</i> Sir CHARLES, R.E., G.C.M.G., K.C.B., F.R.S.	{ Government House, Chatham.
1889 Jan. 8.	WATSON, CHARLES HUBBACK ..	{ Johnson & Co., Greenhithe, Kent.
1884 Dec. 2.	WATSON, WILLIAM ..	{ 25 Fitzwilliam Pl., Dublin. (Watson, Dublin.)
1867 May 7.	WAUGH, HENRY ..	{ Watcombe, Summertown, Oxford.
1871 Feb. 7.	WAUGH, JOHN ..	{ Sunbridge Chambers, Bradford. (Boiler, Bradford. 72.)
1883 Dec. 4.	{ WEBSTER, <i>Sir</i> RICHARD EVERARD, G.C.M.G., Q.C., M.P. .. .. }	{ Hornton Lodge, Hornton Street, W.
1866 May 1.	WESLEY, MATTHIAS ERASMUS ..	{ 156 Holland Park Avenue, W.
1879 May 6.	{ WESTERN, <i>Lt.-Col.</i> JAMES HALIFAX, C.M.G., <i>late</i> R.E.	{ Broadway Chambers, Westminster, S.W.
1885 Feb. 3.	{ WHITAKER, WILLIAM, B.A., F.R.S. .. .. }	{ 33 East Park Ter., Southampton.
1872 Apr. 9.	WHITE, FREDERICK ANTHONY ..	{ 2 Lime Street Square, E.C. (4233.)
T + 1838 Mar. 15.	WHITE, GEORGE FREDERICK ..	{ 1 Porchester Gate, Hyde Park, W.
1872 Apr. 9.	WHITE, LEEDHAM ..	{ 2 Lime Street Square, E.C. (4233.)
1874 Dec. 1.	WILDE, SAMUEL JOHN ..	{ 10 Sergeants' Inn, Fleet Street, E.C.
1888 Dec. 4.	WILLCOX, BENJAMIN ..	{ 47 Lincoln's Inn Fields, W.C.

Date of Admission.		ASSOCIATES.	
1875	May 4.	*WILLIAMS, CHARLES STROUD ..	7 Clifden Gardens, Twickenham.
1869	May 11.	WILLIAMS, JAMES .. ..	Midland Railway, Derby.
1874	Apr. 14.	WILSON, ALEXANDER .. ..	Cyclops Works, Sheffield.
1872	Apr. 9.	WISE, WILLIAM LLOYD .. ..	{ 46 Lincoln's Inn Fields, W.C. (Lloyd Wise, London. 2766.)
1877	Dec. 4.	WOODHEAD, WILLIAM BOOTH ..	18 Exchange, Bradford.
1876	May 2.	WOODHOUSE, THOMAS WALTER	35 & 36 Red Lion Square, W.C.
1874	Mar. 3.	WOODS, ARTHUR .. ..	1 Drapers Gds., Throgmorton St., E.C.
1865	Dec. 5.	WOOLCOTT, GEORGE .. ..	78 Palace Gdns. Ter., Kensington, W.
1857	May 19.	WRIGHT, JOSEPH .. ..	
1879	Feb. 4.	WYATT, WILLIAM .. ..	Severn Bank, Shrewsbury.
1882	Dec. 5.	YERBURGH, JOHN EARDLEY ..	21 Queen Anne's Gate, S.W.
1873	May 6.	YORK, OLIVER .. ..	10 Via Venezia, Florence.
1886	Feb. 2.	{ YOUNG, Major CARMICHAEL } LIGHT, R.E. .. ..	R.E. Office, Colombo, Ceylon.
1891	Dec. 1.	YOUNG, JOHN PRATT .. ..	King's Heath, Birmingham.
1877	Feb. 6.	YOUNG, SEPTIMUS .. ..	5 Victoria Street, S.W.

Total number of Associates .. .. 339.

## STUDENTS.

[Stud. Inst. C.E.]

	Date of Admission.	STUDENTS.	
	1892 Jan. 26.	ABBOTT, JOHN HALLEN ABBOTT	39 Selhurst Rd., S. Norwood, S.E.
	1896 Jan. 7.	ABBOT, THOMAS ROBERT LAMB	F. C. del Sud, Buenos Ayres.
	1896 Feb. 25.	ACKFIELD, JOSHUA EDWARD ..	61 St. Mary's Road, Southampton.
	1891 Nov. 9.	ACTON, EDWARD VINCENT ..	P.W.D., Kingston, Jamaica.
	1895 Dec. 3.	ADAMS, BERTRAM KEITH ..	Eng.'s Office, L. & Y. Ry., Manchester.
	1891 Dec. 8.	ADAMS, HENRY CHARLES ..	Henley-in-Arden, Birmingham.
	1892 Apr. 5.	{ADAMS, HENRY REGNIER CAMPELL .. .. .}	10 Cogan Terrace, Cardiff.
	1896 Feb. 25.	ADDIS, ROBERT BAWN .. ..	Royal Indian Eng. Coll., Staines.
	1892 Jan. 26.	ADDISCOTT, RICHARD JOHN ..	Boro' Surveyor's Office, Burnley.
	1891 Nov. 24.	{ADLER, HENRY GEORGE VER- GOTTINI .. .. .}	58 Redcliffe Road, S.W.
	1892 Nov. 22.	AERIA, DUNSTAN ALFRED ..	Government Rys., Selangor, S.S.
	1894 Feb. 27.	ALDIS, BASIL STEADMAN ..	Pier Works, Swanage.
	1895 Apr. 5.	ALLCROFT, WALTER LACY ..	108 Lancaster Gate, W.
	1896 May 19.	ALLEN, HAROLD GWYNNE, B.A.	Kimbolton Lodge, Bedford.
	1896 Jan. 7.	ALLINGHAM, GERALD CARLYLE	{Eldon Ho., Lyndhurst Rd., Hamp- stead, N.W.
	1893 Feb. 21.	ANDERSON, ATHOL LANCELOT	67 Crystal Palace Park Road, S.E.
	1889 Nov. 26.	ANDERSON, ROBERT HAY ..	13 San Juan de Letran, Mexico.
	1896 Mar. 24.	{ANDERSON, THOMAS CONYNG- HAM BRUTON .. .. .}	Royal Indian Eng. Coll., Staines.
m	1894 Oct. 30.	ANDREW, JAMES .. .. .	Gavinburn, Old Kilpatrick, N.B.
	1896 Mar. 3.	ANDREWS, SAMUEL PERCY ..	25 Castle St., Hertford.
	1891 May 5.	ANTHONY, PHILIP ARNOLD ..	13 Woodland Terrace, Plymouth.
	1890 Apr. 29.	ANZORENA, ELISEO .. .. .	9 de Julio 45, Mendoza, Argentina.
	1895 Nov. 19.	APPLEBY, HARRY WALTON ..	10 Church Street, Durham.
M ✱	1892 Dec. 6.	APPLEBY, LEONARD HODGSON	22 Walbrook, E.C.
	1892 Nov. 1.	ARMOUR, STEWART .. .. .	283 Trinity Rd., Wandsworth, S.W.
	1896 May 19.	ARMSTRONG, FRANK .. .. .	56 Guilford St., Russell Sq., W.C.
	1895 Apr. 2.	ARMYTAGE, JOHN HAWKSWORTH	87 Goldsmith St., Nottingham.
	1896 Feb. 25.	ARNOTT, ROBERT FLEMING, B.E.	Kwala Lumpor, Selangor, S.S.
	1891 Dec. 1.	ASCROFT, FREDERICK WILLIAM	11 Park Street, Lytham.
	1891 Mar. 17.	ASHFIELD, ARTHUR .. .. .	P.O., Moran, Sibsagar, Assam.
	1895 May 21.	ASTON, TAGGART .. .. .	11 Stranmillis Road, Belfast.
	1892 Dec. 6.	ATWOOL, FRANCIS COURTENAY	229 Gloucester Terrace, W.
	1895 Jan. 8.	BADCOCK, HUGH DANIEL, B.A.	23 King's Rd., Kingston-on-Thames.
	1895 Jan. 22.	BAILEY, HENRY AUGUSTINE ..	Barton Fields, Canterbury.
	1895 Oct. 22.	BAKER, FRANK, B.Sc. .. ..	{36 Grosvenor Rd., Whalley Range, Manchester.
	1895 Nov. 5.	BAKER, REGINALD FRANCIS ..	Marryatt's Lodge, Suaresbrook.
	1889 Nov. 15.	BALDWIN, LEONARD LUDOVIC ..	Surveyor, Coalville, Leicester.
	1895 Dec. 3.	{BALDWIN-WISEMAN, WILLIAM RALPH, B.Sc. .. .. .}	Brundretts Rd., Chorlton, Lancs.
	1891 May 12.	BALLANTYNE, THOMAS .. ..	260 Renfrew Street, Glasgow.
	1894 May 1.	BANSEY, WILLIAM FRANK ..	P.W.D., Hong Kong.
	1895 Feb. 12.	BARKER, HAROLD WOOD .. ..	7 Sherborne Rd., Bradford.
	1892 Jan. 11.	BARNETT, ASHLEY JOHNSTONE, B.E.	Elmwood Avenue, Belfast.
m ✱	1892 Nov. 1.	{BARRACLOUGH, SAMUEL HENRY, B.E. .. .. .}	Glebe Point, Sydney, N.S.W.
	1894 Oct. 30.	BATCHELOR, WILLIAM TITTLLEY	Launceston, Tasmania.



Date of Admission.		STUDENTS.	
1895 Jan. 29.	{	BAXTER, JAMES GOLDER ROBINSON .. .. .	City Engineer's Office, Carlisle.
1892 Nov. 8.		BAYNHAM, ALBAN FRANCIS ..	32 Disraeli Road, Ealing, W.
1892 Nov. 8.		BEAVIS, ROWLAND ENDICOTT ..	Woking, Surrey.
1893 Nov. 7.		BECHER, ROBERT ARNOLDS ..	Southern Punjab Ry., Bhatinda, Ind.
1892 Nov. 1.		BEDFORD-GLASIER, FRANCIS ..	S. Pearson & Son, Vera Cruz, Mexico.
1889 Nov. 26.		BEDINGFIELD, WALLER KING ..	73 Princess Road, Leicester.
m † 1893 Feb. 28.		BEER, WALTER .. .. .	{ 12 Greame Street, Alexandra Park, Manchester.
1896 Feb. 25.		BELL, WALTER HENRY .. ..	13 Uxbridge Road, Surbiton.
1891 Jan. 13.		BENEST, FRANCIS EDWARD ..	43 Folkestone Road, Dover.
1893 Nov. 28.		BENJAMIN, EDGAR LIONEL ..	48 Sutherland Avenue, W.
1894 Dec. 4.		BENNETT, JOHN GILCHRIST ..	146 West Regent St., Glasgow.
1893 Nov. 14.		BENNETT, THOMAS ROLPH ..	Beansite Villa, Torquay.
1891 Nov. 9.		BENSON, WILLIAM .. .. .	Town Hall, Salford.
1892 Nov. 1.		BERRIDGE, HAROLD .. .. .	Harbour Works, Poole, Dorset.
1892 Nov. 22.		BEST, HAROLD STORR .. ..	7 Church Road, Beckenham.
1889 Dec. 10.		BEVAN, PHILIP JAMES .. ..	113 Angell Road, Brixton, S.W.
1892 Apr. 12.	{	BICKERTON, WILLIAM HENRY, B.Sc. .. .. .	109 Nantwich Road, Crewe.
1891 Nov. 9.		BIGGLESTON, HERBERT .. ..	14 Grafton Road, Bedford.
1896 May 5.		BILLINGHURST, HENRY .. ..	35 Granville Pk., Blackheath, S.E.
1895 Nov. 5.	{	BINDLOSS, EDWARD ALEXANDER MORGAN .. .. .	Ye Olde House, Harrow-on-the- Hill.
1894 Jan. 23.		BINNIE, ALEXANDER THOMAS ..	Trinity College, Cambridge.
1895 Nov. 19.		BIRKS, LAWRENCE, B.Sc. .. ..	University College, Gower St., W.C.
1891 Nov. 3.		BIRT, RUDING SPENCE .. ..	20 Belsize Grove, N.W.
1891 Nov. 9.		BISHOP, CHARLES HERBERT ..	Monierkhall, Cachar, Assam.
1896 Jan. 21.		BISHOP, WILFRID HOCART ..	St. Jacques, Guernsey.
1894 Jan. 23.		BLABER, EDWARD .. .. .	31 Cromwell Road, West Brighton.
1895 Dec. 3.	{	BLACKBURN, ALFRED BROWN ERNEST .. .. .	Old Bank House, Wednesbury.
1893 May 16.		BLAKE, RUSTAT, B.A. .. ..	57 Porthkerry Rd., Barry, Cardiff.
1894 Jan. 23.		BOALTH, VICTOR HOPE .. ..	H. S. King & Co., 45 Pall Mall, S.W.
1895 Apr. 2.		BODEN, ARTHUR LIONEL .. ..	8 Mosdale Street, Hunslet, Leeds.
1896 May 19.		BOISSIÈRE, HECTOR ELIE DE ..	Port of Spain, Trinidad.
1892 Jan. 11.		BOOTH, HUBERT CECIL .. ..	105 Lambeth Palace Road, S.E.
1894 May 1.		BOOTHROYD, WILLIAM ALEC ..	44 Ashgrove, Bradford.
1890 Feb. 18.		BORRERO, VICTOR .. .. .	Calí, U.S. Colombia.
1895 Nov. 19.		BOSTOCK, ARCHIBALD THOMAS ..	Uplands, Colombo, Ceylon.
1892 Nov. 22.		BOTLEY, CHARLES FREDERIC ..	Guildables, Hastings.
1896 Jan. 7.		BOUCHER, REGINALD .. ..	Pembroke College, Cambridge.
1894 Oct. 30.	{	BOURKE, HENRY WALTER LAURIE McWILLIAM .. ..	40 Redcliffe Square, S.W.
1893 Nov. 7.		BOWER, WILFRED GILBERT ..	Dursley Villa, Edgell Rd., Staines.
1892 Nov. 22.		BRACKENBURY, CHARLES ERNEST ..	{ Continental Union Gas Co., 7 Draper's Gardens, E.C.
1893 May 16.		BRADSHAW, HARRY GREAVES ..	Municipal Offices, Bacup.
1895 Jan. 8.		BRAND, HENRY FRANCIS .. ..	10 Marchmont Terrace, Glasgow.
1895 Nov. 5.	{	BREARLEY, JOSEPH HENRY DRAPER, B.Sc., B.E. .. ..	41 Darghan Street, Glebe Point, Sydney, N.S.W.
1893 Feb. 21.	{	BRISTOW, CHARLES THEODORE LYTTELTON .. .. .	Colne Valley Waterworks, Bushey.
1896 Mar. 31.		BROADBENT, FRANCIS JAMES ..	Chapel Hill House, Huddersfield.
1895 Feb. 19.		BROMAGE, EDWIN ELLIOTT ..	{ Thames Conservancy, Embankment, E.C.
1894 Dec. 4.		BROOKS, RICHARD .. .. .	13 Kerrsland Ter., Hillhead, Glasgow.
1891 Dec. 1.		BROWN, CHARLES JOHN .. ..	193 Bruntsfield Place, Edinburgh.
1895 Dec. 3.		BROWN, JAMES HUTCHESON ..	{ 23 Princes Square, Strathbungo, Glasgow.
1894 Feb. 20.		BROWN, WALTER BRUCE .. ..	The Thatch, Camp, Rondebosch,
1894 Mar. 6.	{	BROWN, WILLIAM DAVID SETON .. .. .	29 Seymour St., W. [Cape Colony.

Date of Admission.	STUDENTS.	
1895 Oct. 22.	BROWN, WILLIAM LOWE, B.Sc.	The Woodlands, Parbold, Southport.
1893 Feb. 21.	BRYDEN, ARCHIBALD ROBERTSON	15 Dalhousie St., Glasgow.
1896 Mar. 17.	BUBB, HERBERT JAMES .. ..	10 Kensington Gardens Terrace, W.
1895 Dec. 3.	BUCKLEY, ARTHUR BURTON ..	24 Dukes Avenue, Chiswick, W.
1895 Nov. 26.	BULLOCK, HAMILTON ANYATT	The Grove, Rishworth, Halifax.
1896 Jan. 7.	BUMFUS, ALFRED WILLIAM ..	5 Henry Street, Rochdale.
1891 Nov. 3.	BURCH, ARTHUR RODNEY ..	38 Romola Road, Tulse Hill, S.W.
1896 Feb. 4.	{ BURRELL, JAMES THOMAS } HAROLD .. .. .	{ 7 Grosvenor Road, Richmond, S.W.
1894 Oct. 16.	BURTON, AMOS .. .. .	Assistant Boro' Surveyor, Hanley.
1896 Apr. 21.	BUSHELL, CHARLES LESTOURGEON	Trinity, Brechin, N.B.
m 1891 Nov. 3.	BUTTERWORTH, ARTHUR SHAW	Boro' Engineer's Office, Leicester.
1895 Feb. 12.	{ CAMERON, ARCHIBALD PRES- } TON, B.A. .. .. .	{ 43 Claverton St., Pimlico, S.W.
1896 Feb. 4.	CAMERON, ARTHUR .. .. .	246 Morrison St., Edinburgh.
1895 May 14.	CAMPBELL, CHARLES ORR ..	Eng.'s Off., N. British Ry., Edinburgh.
1894 Nov. 6.	CAMPBELL, GEORGE JAMES ..	{ W. Watson & Co., 7 Waterloo Place, S.W.
1890 Nov. 18.	{ CAMPBELL, HENRY CHARLES } BRABAZON .. .. .	{ Paynesfield, East Sheen, S.W.
1893 Jan. 17.	CANNING, FREDERICK RUSSELL	Tupsley Vicarage, Hereford.
1895 May 21.	{ CAREY, GASPARD ROBERT DE } MOUSSENDEN .. .. .	{ Apartado 48, Hermosillo, Sonora, Mexico.
1892 Mar. 15.	CAREY, WALTER .. .. .	Browside, Gateacre, Liverpool.
1893 May 9.	CAROUSO, ARISTIDES STEPHENS	Fassonla, Smyrna.
1895 Jan. 8.	CARFMAEL, RAYMOND .. ..	16 Sydney Buildings, Bath.
1894 Dec. 4.	CARR, WILSON STORY .. ..	87 Charlton Lane, Charlton, S.E.
1894 Nov. 6.	CARTER, REGINALD BONHAM ..	5 Hyde Park Square, W.
1895 Nov. 19.	CARTER, THOMAS .. .. .	51 Ravensdowne, Berwick-on-Tweed.
1896 May 19.	{ CARTER, WILLIAM BELLING- } HAM, B.E. .. .. .	{ Hon. R. C. Parsons, 39 Victoria St., S.W.
1893 Jan. 17.	{ CARTWRIGHT, FREDERICK SHE- } WARD .. .. .	{ 6 Little St. James's Street, S.W.
1894 May 1.	CASS, BERNARD CROFT .. ..	{ Pearson & Son, Port Talbot Ry., Maesteg, Glamorgan.
1896 Feb. 25.	CAUTLEY, ARTHUR OLDFIELD	Westerfield Rectory, Ipswich.
1893 May 9.	CAZALET, LOUIS PERCY .. ..	Box 348, Johannesburg, Transvaal.
1894 Jan. 23.	CHAMBERLAIN, WILLIAM YOUNG	Harbour Office, Belfast.
1895 Nov. 19.	CHAMBERS, ALFRED EUSTACE	11 Saxon Rd., Selhurst, S.E.
1893 Mar. 28.	CHAPMAN, ALFRED SAUNDERS	Western College, Plymouth.
1895 May 7.	CHAPMAN, JESSE EDWARD ..	Mrs. Hardstaff, East Leake, Notts.
1896 Feb. 11.	{ CHARLES, ALEXIS ARMAND } DALLISON .. .. .	{ 198 Osmaston Road, Derby.
1895 Nov. 5.	CHATER, CHARLES RANDOLPH	223 Peckham Rye, S.E.
1891 Nov. 24.	CHEEKE, WILLIAM ALEXANDER	{ Clones Waterworks, Cumber, Co. Monaghan.
1896 Feb. 11.	CHESHIRE, HUGH STANLEY ..	Albion House, Treecynon, Aberdare.
1894 Dec. 4.	CHURCHILL, ALEC FLEMING ..	52 Sinclair Road, Kensington, W.
1891 Mar. 17.	CHURCHILL, PERCILEON WINSTON	H.M. Naval Yard, Gibraltar.
1894 Nov. 6.	CLAPHAM, WALTER .. ..	6 Sunnybank, Shipley, Yorks.
1893 Mar. 14.	CLARK, FRANKLIN .. ..	15 Tichfield Ter., Regent's Pk., N.W.
1894 Mar. 13.	{ CLARKE, EDWARD RUSSELL, } B.A. .. .. .	{ 5 Ladbroke Square, W.
1896 May 19.	CLARKE, HAROLD OFFICER ..	6 St. Ann's Villas, Lewes.
1895 May 14.	CLARKE, LOUIS WHITFOOT ..	Railway Company, Barbados.
1894 Mar. 6.	CLOTHIER, HENRY WILLIAM ..	13 Edwardes Sq., Kensington, W.
1894 Dec. 4.	COAD, HAROLD EUSTACE ..	17 Crockerton Rd., Up. Tooting, S.W.
1893 Feb. 14.	COAD, THOMAS HERBERT EDGAR	{ W. Hill & Co., Devil's Point, Stone- house, Plymouth.
1892 Dec. 13.	COBB, PERCY RHODES .. ..	18 Craven Hill Gdns., W. [Croydon.
1895 Jan. 29.	COLAM, SCHAFFHAUSEN ANGELL	Ingeborg, South Park Hill Rd.,

Date of Admission.	STUDENTS.	
1894 Mar. 13.	COLE, ALFRED .. .. .	{ 5 Holmside Place, Heaton, Newcastle-on-Tyne.
1893 Dec. 12.	COLEBY, FRANCIS JAMES ..	14 Sandringham Gardens, Ealing, W.
1892 Nov. 22.	COLEMAN, FREDERICK DOUGLAS	Trevona, Daecres Rd., Forest Hill, S.E.
1896 Jan. 7.	COLEMAN, GEORGE STEPHEN ..	Walliscote Rd., Weston-super-Mare.
1895 Apr. 2.	COLLINS, ERNEST MELVILLE ..	Mayfield, Catford, S.E.
1892 Jan. 11.	COLLINS, FREDERICK REILY ..	P.W.D., Mandalay, Burma.
1891 Apr. 14.	COLLINSON, ARTHUR .. ..	52 Lovaine Pl., Newcastle-on-Tyne.
1893 Nov. 7.	COLLIS, OLIVER JAMES .. ..	South Road, Brighton, Victoria.
1894 Dec. 4.	{ COLLIS-ADAMSON, ARTHUR } { CHARLES .. .. . }	5 Harberton Rd., Upper Holloway, N.
1895 Nov. 19.	{ COLYER, MORETON JOHN } { GODDEN, B.E. .. .. }	21 Stewart St., Glebe Point, Sydney, N.S.W.
1890 Dec. 2.	CONRADI, JULES FERDINAND ..	131 Brecknock Road, N.
1895 Mar. 5.	{ CONWAY, GEORGE ROBERT } { GRAHAM .. .. . }	20 Oakington Rd., Maida Vale, W.
1893 Feb. 7.	CONWAY, JAMES .. .. .	141 Newington Causeway, S.E.
1895 Feb. 12.	COODE, WALTER DAMAREL ..	1 Kelston View, Sydney Buildings.
1891 Nov. 9.	COOKE, CHARLES ARCHBUTT ..	Cwm Efan, Rhayader, Rads. [Bath.
1893 Feb. 21.	COOPER, EDWARD HENRY SLADE	Brampton Park, Huntingdon.
1895 Nov. 5.	COOPER, VERNON .. .. .	Pencliffe, Allyn Rd., West Dulwich.
1894 May 22.	CORNOCK, JOSEPH CADEL ..	1 Elmwood Green, Leeds.
1895 Feb. 12.	{ COOPER, JOHN DUNCAN CAMP- } { BELL .. .. . }	80 Grosvenor Street, W.
1892 Apr. 12.	COUPER, SYDNEY .. .. .	L. & N.W. Ry., Eng.'s Office, Stafford.
1895 May 14.	{ COURT, WILLIAM HAROLD } { ARTHUR .. .. . }	8 John St., Dereham Road, Norwich.
1893 Apr. 18.	COUSTON, BENJAMIN BAGLEY	Robt. Hay, Dunedin, N.Z.
1892 Dec. 6.	COVERTON, RALPH HENRY ..	Box 1049, Johannesburg, Transvaal.
1895 Mar. 5.	COWAN, PERCY JOHN .. ..	31 Belsize Park Gardens, N.W.
1891 Nov. 24.	{ COZENS-HARDY, EDGAR WRIG- } { LEY .. .. . }	Oak Lodge, Sprowston, Norwich.
1895 May 14.	{ CRAIG, ALEXANDER GRATITUDE, } { B.Sc. .. .. . }	{ John Ballantyne, Craiglea, Temperley, Buenos Ayres.
1895 Jan. 8.	CREASY, HAROLD THOMAS ..	94 Croxted Road, Dulwich, S.E.
1892 Feb. 2.	{ CREDER, WILLIAM FRANCIS } { HENRY .. .. . }	Boro' Eng's Office, Plymouth.
1892 Nov. 1.	CROSLEIGH, LOUIS CHARLES ..	{ Hyderabad (Deccan) Co., Secunderabad, India.
1896 Mar. 3.	CROSS, JAMES WILLIAM .. ..	57 Birch Street, New Swindon.
1892 Nov. 29.	CROSS, LIONEL DOUGLAS .. ..	{ 1. Edwards, So. Punjab Ry., Jhind, India.
1892 Nov. 22.	CROUCH, JOHN PEACHEY .. ..	99 Queen's Road, Bootle, Liverpool.
1894 Mar. 6.	{ CROWTHER, FREDERICK CART- } { LEDGE .. .. . }	Thorn Hill, Edgerton, Huddersfield.
1895 Dec. 3.	CULVERHOUSE, HERBERT SYDNEY	3 Percy Place, Bath.
1889 Dec. 17.	{ CUNLIFFE-OWEN, HUGO VON } { REITZENSTEIN .. .. }	Laurel Villa, Potter's Bar, N.
1893 Nov. 7.	DALGLEISH, GEOFFREY SCOTT	25 Mayfield Ter., Edinburgh. [Trent.
1895 Nov. 5.	DANIEL, WALTER .. .. .	The Firs, Ashby Hill, Burton-on-
1893 Jan. 10.	DASHFER, FREDERICK CHARLES	{ G. N. Ry., Eng.'s Office, King's Cross, N.
1894 Nov. 6.	DASSENIAKE, STEPHEN WILLIAM	{ Lunderston House, Whalley Range, Manchester.
1889 Feb. 19.	DAVENPORT, VIVIAN EDWARD	30 Montpelier Crescent, Brighton.
1895 Feb. 19.	DAVID, CECIL STANHOPE, B.A.	9 Princes Square, Bayswater, W.
1896 May 5.	DAVIDSON, ALAN JOHN .. ..	Addison Lodge, Ridgway, Wimbledon.
1892 Dec. 6.	{ DAVIDSON, JONATHAN ROBERTS } { B.Sc. .. .. . }	Ivyhurst, Linnet Lane, Liverpool.
1893 Nov. 7.	DAVIDSON, WILLIAM .. .. .	Harbour Office, Leith, N.B.
1894 May 22.	DAVIDSON, WILLIAM CAMPBELL	Homewood, Mannofield, Aberdeen.
1896 Jan. 14.	DAVIES, FRANCIS EDWARD ..	51 Tregunter Rd., Kensington, S.W.

Date of Admission.	STUDENTS.	
1896 Feb. 4.	DAVIES, WILLIAM JAMES ..	Thornton Dene, Sidcup Park, Kent.
1895 May 21.	DAVIS, ALFRED ARTHUR ..	3 Favart Road, Fulham, S.W.
1895 Apr. 9.	DAVIS, CLEMENT FREDERICK, B.A.	Gas Co., Commercial St., Sheffield.
1893 Nov. 14.	{DAVIS, FREDERICK WILLIAM}	
	{DANIEL, B.Sc. .. ..}	Llwynderl, Neath, South Wales.
1896 Jan. 28.	DAVISON, ROBERT .. ..	Palmerston, Sydenham, Belfast.
1892 Feb. 2.	DAVSON, SIMON SILVER ..	{Inverleith Cottage, Castelnau, Barnes, S.W.
1893 Mar. 14.	DAWE, PHILIP HENRY ..	Hendford, Yeovil, Somerset.
1890 Nov. 18.	DAWNAY, OSMOND .. ..	Sheviocke, Peckham Rye, S.E.
1895 May 14.	DAWSON, GEORGE CROSBIE ..	May Place, Newcastle, Staffs.
1896 Mar. 3.	DAWSON, GERARD FINCH ..	Royal Indian Eng. Coll., Staines.
1895 Dec. 3.	DAY, BENJAMIN JOHN ...	18 Upper Westbourne Terrace, W.
1895 Nov. 5.	DAY, CLAUD ALBERT STANTON	Grosvenor House, Isleworth.
1896 Mar. 17.	DELAP, ALFRED DOVER, B.A.	Valentia Island, co. Kerry.
1893 Nov. 28.	DENTON, HENRY .. ..	Concordia Wks., Tenter Lane, Leeds.
m 1891 Nov. 9.	DE VILLE, MARTIN .. ..	{Ridgemount, Grange Rd., Ashton- on-Mersey.
1894 Feb. 6.	DIGBY, KENELM WILLIAM ..	Bengal-Nagpur Ry., Nagpur, India.
1894 Oct. 16.	{DOBRÉE, FRANKLIN BONAMY}	
	{HANKEY .. ..}	The Chalet, Ealing, W.
1889 Feb. 5.	{DOBSON, AUSTIN ARTHUR}	
	{GREAVES .. ..}	F. C. del Sud, Plaza Constitucion, Buenos Ayres.
1896 Mar. 3.	{DONALDSON, ALEXANDER WAN- NAN .. ..}	{Fairhaven, Raymond Rd., Wim- bledon.
1893 Dec. 12.	DONALDSON, THORNYCROFT, B.A.	Tower House, Chiswick, W.
1892 Dec. 6.	DONKIN, SYDNEY BRYAN ..	Southwark Park Road, S.E.
1894 Oct. 16.	DORMOR, HARRY DUNCAN ..	Melcombe, Ifley Road, Oxford.
1894 Apr. 17.	DOWRIE, GEORGE ARTHUR ..	Port Said, Egypt.
1895 May 14.	DOWSON, ROBERT MANNING ..	Felixstowe, The Park, Nottingham.
1896 Feb. 4.	DOXAT, LOUIS CHARLES JOHN	15 Vincent Square, S.W.
1892 Nov. 29.	DRESDEN, WILLIAM JAMES ..	219 Kensington High St., W.
1896 Jan. 7.	DRESSER, CHARLES .. ..	9 Vant Road, Tooting, S.W.
1890 Apr. 22.	{DRIEERG, JAMES ALFRED}	
	{GRENIER .. ..}	P.W.D., Puttalam, Ceylon.
1894 May 1.	DRURY, OSWALD GEORGE COOPER	48 Bodney Rd., Lower Clapton, N.E.
1895 Nov. 5.	DRURY, ROBERT FERRY ..	{Durham College of Science, New- castle-on-Tyne.
1894 Mar. 6.	DUCKHAM, FREDERIC WILLIAM	40 Crooms Hill, Greenwich, S.E.
1894 Oct. 30.	DUDELL, WILLIAM DU BOIS ..	Dr. Potter, Infirmary, Marloes Rd., W.
1896 Jan. 14.	DUFFIELD, CHRISTOPHER GEORGE	Beachy, Darley Rd., Eastbourne.
1895 Jan. 22.	DUFFIELD, EDWARD ALBERT	Eng.'s Office, Midland Ry., Derby.
1893 Nov. 14.	DUKE, AUDLEY MERVYN ..	3 Montrose Villas, Hammersmith, W.
1892 Nov. 8.	DUNCAN, HERBERT ELLIS ..	{Inskipp & Mackenzie, 5 Bedford Row, W.C.
1894 Mar. 13.	DUNCAN, JOHN, B.Sc. .. ..	12 Cobden Place, Leeds.
1895 Nov. 19.	DUQUEMIN, FRANCIS WILLIAM	Isca Foundry, Newport, Mon.
1895 Nov. 19.	DURHAM, FRANK ROGERS ..	{86 Grüneburg Weg, Frankfurt-am- Main.
1896 Jan. 21.	{DU SAUTOY, FRANCIS PIERRE,	
	{B.A. .. ..}	25 Burton Crescent, W.C.
1893 Dec. 19.	EARLE, JOHN BERNARD ..	Bilton Grange, Rugby.
1896 Mar. 31.	EAST, ALFRED TOMLIN ..	4 Grove End Road, N.W.
1891 Nov. 9.	EASTON, WILLIAM CECIL, B.Sc.	J. M. Gale, 45 John St., Glasgow.
1895 May 21.	EDE, HAINES BREEBAART ..	Dingley & Co., Launceston, Cornwall.
1892 Nov. 29.	EDGE, EDGAR MARK .. ..	22 Harley Rd., S. Hampstead, N.W.
1894 Jan. 23.	EDGE, RAYMOND CLIVE ..	King, Hamilton & Co., Calcutta.
1895 Apr. 2.	EDLESTON, ALFRED EDWARD ..	Crumpsall, Manchester.
1894 May 22.	EDWARDS, JAMES HERBERT ..	42 The Parade, Cardiff.
1890 Dec. 2.	ELLIS, SOMERS HOWE .. ..	Northfields, Belgrave, Leicester.
1891 Nov. 3.	ENTWISLE, HENRY .. ..	District Council, Swinton, Lanes.
1890 Nov. 18.	ESTLER, PAUL TRAUOGOTT JULIUS	Godfrey Ho., Godfrey Hill, Woolwich.

Date of  
Admission.

## STUDENTS.

1894 Dec. 4.	ETLINGER, THOMAS EDMUND..	{ 27 Cavendish Road W., St. John's Wood, N.W.
1896 Jan. 7.	ETHERIDGE, ANTHONY .. ..	Stoke Ferry, Norfolk.
1895 Jan. 22.	EUCHICH, HERMANN OSCAR ..	7 Selborne Villas, Bradford.
1891 Apr. 28.	EVERARD, FRANCIS OVER ..	The Croft, Harborne, Staffs.
1892 May 17.	{ FARRELL, CHARLES ARTHUR } { RICHARDS, B.Sc. .. .. }	Searborough, Tobago, West Indies.
1896 Mar. 31.	FEARON, HENRY CHARLES DIGBY	Stanhope Lodge, Herne Hill, S.E.
1891 Nov. 9.	FEATHERSTONE, HAROLD EDGAR	{ Borough Surveyor's Office, Chesterfield.
1893 Nov. 14.	FERRAR, WALTER INGLIS ..	East Indian Ry., Calcutta.
1892 Jan. 26.	FFORDE, FRANCIS CRESWELL ..	{ Topham, Jones, & Railton, Lutterworth, Leicestershire.
1896 Mar. 31.	FIELD, JAMES HERMANN ..	Claremont, Woodberry Down, N.
1895 Feb. 5.	FIELD, MICHAEL BIET .. ..	{ Brown, Boverie & Co., Baden-in-Aargau, Switzerland.
1893 Nov. 28.	FIRTH, WILLIAM JAMES ..	City Engineer's Office, Leeds.
1895 Oct. 22.	FISHER, FRANK, B.Sc. ..	Medmenham, Sutton, Surrey.
1893 Mar. 21.	FLETCHER, HERBERT PHILLIPS	{ Anglebay, Woodchurch Road, West Hampstead.
1896 Jan. 14.	FLETCHER, WILLIAM HARKER	Litherland Park, near Liverpool.
1895 Jan. 29.	FLOOD, JOHN GARNAR .. ..	Kinipple & Jaffrey, 3 Victoria St..
1892 Apr. 26.	FLOWER, ERNEST HUBERT ..	B. B. & C. I. Ry., Bombay. [S.W.
1896 Jan. 28.	FORGAN, WILLIAM .. ..	N. B. Ry., Eng.'s Office, Edinburgh.
1894 Mar. 6.	FOWLER, HENRY .. ..	69 Victoria Rd., Horwich, Lanes.
1896 Mar. 3.	FOX, CHARLES BERESFORD ..	Alyn Bank, Wimbledon.
1895 Mar. 5.	FOX, WILLIAM FRANCIS ..	The Oaks, Mowbray Rd., Upper Nor-
1891 Nov. 24.	FOY, ERNEST RUDOLPH ..	Mozulfargari, Punjab. [wood, S.E.
1894 Oct. 16.	FRANCIS, ARTHUR AUBREY ..	14 South Parade, Bath.
1892 Feb. 2.	FRANKLAND, BALDWIN ..	City Eng.'s Office, Leeds.
1894 Mar. 6.	FRIEDBERGER, MAURICE BRYHAM	Grove Villa, Knighton, Rads.
1892 Nov. 29.	FURNIVALL, FRANK .. ..	Arbuthnot & Co., Madras.
1896 Mar. 24.	GALE, WALFORD HENRY ..	Royal Indian Eng. Coll., Staines.
1894 Jan. 23.	GARE, ERNEST .. ..	77 Waverley Rd., Redland, Bristol.
1892 Jan. 11.	GARFIELD, JOSEPH .. ..	163 Penn Road, Wolverhampton.
1892 Nov. 14.	GARNETT, SYDNEY HAROLD ..	Regent St., Bello Vue, Wakefield.
1895 Jan. 29.	GARNETT, ALFRED STEAD ..	Leiston, Suffolk.
1895 Mar. 5.	GARVIE, ROBERT HALLEY, B.Sc.	Ship Canal Office, Manchester.
1892 Feb. 23.	GARTSIDE, GEORGE EDWARD ..	L. & Y. Ry., Poulton-le-Fylde, Lanes.
1895 Jan. 29.	GASKIN, FREDERIC WILLIAM ..	Water Dept., Municipal Offis., Liverpl.
1892 Dec. 20.	GAVIN, JOSEPH MERRICKS ..	65 South Hill Pk., Hampstead, N.W.
1893 Nov. 28.	GEDYE, NICHOLAS GEORGE ..	15 Victoria Street, S.W.
1895 Oct. 22.	GEE, CHARLES DOUGLAS ..	8 Swinley Road, Wigan.
1892 Jan. 11.	GIBB, ALEXANDER .. ..	East Dock, Barry, Cardiff.
1894 Dec. 4.	GIBSON, RALPH ERNEST ..	Chapelton, Sheffield.
1890 Jan. 21.	GIVEN, ERNEST CRANSTON ..	The Grange, St. Michael's, Liverpool.
1893 Jan. 17.	GLENDINNING, FRED .. ..	Boro' Eng.'s Office, Birkenhead.
1895 Nov. 19.	GODFREY, ALFRED GRICE ..	St. John's Ry., Umtata, Cape Colony.
1892 Dec. 20.	GODFREY, CHARLES HENRY ..	City Surveyor's Office, Manchester.
1894 Oct. 16.	{ GODFREY, GEORGE COCHRANE, } { B.A. .. .. }	Grindlay & Co., Calcutta.
1890 May 20.	GOMAR, JOSEPH DE .. ..	Calle de San Pedro 18, Madrid.
1890 Dec. 9.	GONSALVES, GEORGE .. ..	Port Works, Buenos Ayres.
1892 Mar. 1.	GOODMAN, GEORGE SMITH ..	P. W. D., Colombo, Ceylon.
1895 Jan. 8.	GORDON, HENRY HERMAN, B.A.	East Indian Railway, Calcutta.
1895 Nov. 5.	GORE, WILLIAM .. ..	52 Foreign Street, Camberwell, S.E.
1895 Jan. 29.	GRAHAM, DONALD CHARLES ..	2 Lansdowne Road, Wimbledon.
1893 Nov. 14.	GRAHAM, GEORGE ARCHIBALD	District Council, Maldon, Essex.
1892 Nov. 29.	GRAHAM, WALTER BURNS ..	28 Toot Hill Road, Loughborough.

Date of Admission.	STUDENTS.	
1895 Dec. 3.	GRANT, ALISTAIR MANN .. ..	Highland Railway, Inverness.
1892 Nov. 1.	GRANT, WILLIAM, B.E. .. ..	Stawell, Victoria.
1895 Jan. 8.	GRAVELLY, WILLIAM CECIL .. ..	Harbour Wks., Douglas, Isle of Man.
1893 Feb. 21.	GRAY, ANDREW .. ..	S.S. "Grappler," Barbados.
1896 Jan. 28.	GRAY, ROBT. ANDERSON, B.Sc.	59 George St., Edinburgh.
1894 Mar. 6.	GRAY, ROBERT BRUCE MCGREGOR	Town Hall, Selby, Yorks.
1894 Jan. 9.	GREEN, FREDERICK DAVIES .. ..	Glengall, Wanstead, Essex.
1895 Mar. 5.	GREENHOUGH, FREDERICK HARRY	S Pearson & Son, Vera Cruz, Mexico.
1894 May 22.	GRIESS, WILLIAM MASON .. ..	Uganda Ry., Mombasa, East Africa.
1891 Dec. 8.	{ GRIFFITH, CHARLES LEOPOLD } TROYTE .. ..	Solworthy, College Rd., Harrow.
1894 Jan. 23.	GRIFFITH, THOMAS HENRY .. ..	Manor House, Hale, Liverpool.
1890 Nov. 18.	GRIFFITHS, WILLIAM JOHN .. ..	61 Sinclair Rd., Kensington, W.
1893 Nov. 28.	GRIGG, ALLAN DICKSON .. ..	The Albion Club, Buenos Ayres.
1895 May 14.	GRIMSHAW, ARTHUR .. ..	Houghton Ho., Houghton-le-Spring.
1890 Dec. 16.	GROVE, EDWARD LONG .. ..	Municipal Eng., Kwalla Lumpur, S.S.
1890 Dec. 16.	GULLAN, HECTOR FREEMAN .. ..	Eng.'s Office, L. & N. W. Ry., Crewe.
1893 Nov. 14.	HACK, THOMAS ERNEST .. ..	8 Burnaby Gardens, Chiswick, W.
1894 Dec. 4.	HADOW, FREDERICK AUSTEN .. ..	Cadstone Rectory, Calne, Wilts.
1891 Nov. 3.	HAIGH, LIONEL CLIFFORD .. ..	St. Johns, Wakefield.
1896 Jan. 14.	HAINWORTH, CHARLES SAMUEL	59 Neptune St., Hull. [S.E.]
1896 Jan. 14.	HAINWORTH, ERNEST WILMOT	Kirton, St. John's Pk., Blackheath,
1894 Apr. 10.	HALL, ARTHUR COLIN .. ..	112 Rann Street, Birmingham.
1892 Nov. 29.	HALL, CHARLES ERNEST .. ..	{ Ganges Canal, Bulandshahr, N.W.P., India.
1895 Oct. 22.	HALL, WILLIAM BRASIER, R.N.	H.M.S. "Impérieuse," Pacific Station.
1895 Mar. 5.	HALLAWAY, JOHN POTTER .. ..	5 Devonshire Street, Carlisle.
1892 Nov. 29.	{ HAMILTON - GORDON, GEORGE } HERSCHEL .. ..	{ Pauling & Co., Dordrecht, Cape Colony.
1896 May 19.	HAMMOND, ROBERT WHITEHEAD	2 Blenheim Square, Leeds.
1895 Oct. 22.	HANCKEL, ALFRED WOODS, B.Sc.	The Roselands, Formby, Lancs.
1895 Feb. 19.	HANNA, ROBERT FARRAN .. ..	{ 35 Bury New Rd., Higher Broughton, Manchester.
1895 Nov. 26.	HARDCASTLE, HENRY ARTHUR	Boro' Engineer's Office, Windsor.
1895 Jan. 8.	HARDIE, THOMAS .. ..	29 Osborne Rd., Newcastle-on-Tyne.
1894 Jan. 23.	{ HARDING, GEORGE ROBINSON } CUTHBERT .. ..	{ 29 Broadgate, Lincoln.
1893 Nov. 14.	HARRISON, FRANCIS ORTNER .. ..	12 Ranelagh Rd., Harlesden, N.W.
1895 Nov. 19.	HART, JOHN RUSSELL, B.A. .. ..	2 South Parade, York.
1895 Dec. 3.	HARVEY, ALEXANDER HERBRAND	Belize, British Honduras.
1896 Feb. 25.	HARVEY, EDWIN PERCY, B.A.,	73 Bessborough St., Pimlico, S.W.
1895 Oct. 22.	HARVEY, STANLEY ST. GEORGE	Harbour Office, Belfast.
1891 Nov. 9.	HASSELL, WILLIAM FRANCIS .. ..	{ M. S. & L. Ry. Contractors' Office, Brackley, Northants.
1895 Jan. 29.	{ HAUSBERG, LESLIE LEOPOLD } RUDOLF, B.A. .. ..	Rothsay, Westcombe Park Rd., S.E.
1889 Nov. 26.	HAWKINS, PERCY .. ..	P.W.D., Vizianagram, Madras.
1892 Nov. 22.	HAWKINS, TOM SHIRLEY .. ..	255 Shirley Rd., Southampton.
1894 Dec. 4.	HAY-ELLIS, JAMES WILLIAM .. ..	P.W.D., French Rocks, Mysore, India.
1894 Nov. 27.	HAYTON, GEORGE MARKHAM .. ..	26 Wood St., Ladywood, Birmingham.
1895 Oct. 22.	{ HAYWARD, JOSEPH WILLIAM, } B.Sc. .. ..	{ 1 Springhill Terrace, Pollokshaws Road, Glasgow.
1896 Feb. 14.	HEAD, BENJAMIN WRIGHTSON	2 Portland Ter., Coatham, Redcar.
1892 Feb. 23.	HEAD, HENRY COLEMAN .. ..	58 Lillieshall Road, Clapham, S.W.
1893 Mar. 28.	HEATH, LEOPOLD WILLIAM .. ..	{ A. G. Green, 13 King's Drive, Heaton Moor, Stockport. [land.]
1893 Nov. 14.	HEBERDEN, LOUIS EDWARD .. ..	Pauling & Co., Mefeking, Bechuana-
1893 Dec. 12.	HEBERT, HENRY FRANCIS .. ..	20 Highfield Hill, Norwood, S.E.
1893 Nov. 7.	HEELAS, GEORGE HERBERT .. ..	17 Lovaine Cres., Newcastle-on-Tyne.
1896 Apr. 14.	HEINEMANN, SPENCER OSWALD	20 James St., Buckingham Gate, S.W.

Date of Admission.	STUDENTS.	
1895 Nov. 19.	{ HEWETT, BERTRAM HENRY MAJENDIE .. .. . }	7 Palliser Road, West Kensington, W.
1893 May 16.	HEWITT, CHARLES ROMILLY ..	26 Lancaster Gate, W.
1890 Mar. 4.	HICKSON, GEORGE FORSTER ..	Australian Club, Sydney, N.S.W.
1891 Jan. 9.	HILL, CHARLES HAROLD ..	113 Gurney Road, Stratford, E.
1894 Dec. 4.	HILL, DAVID GAY .. .. .	North British Ry., Edinburgh.
m + 1889 Nov. 26.	HILL, EDMUND LEWIN .. ..	22A New-Inn-Hall Street, Oxford.
1894 Oct. 30.	HILLMAN, VALENTINE ALBANY	4 Westfield Park, Redland, Bristol.
1893 Mar. 14.	HINCKS, HAROLD THORNTON	The Northgate, Chester. [field.]
1894 Jan. 23.	HOARE, AUGUSTUS REGINALD	Paradise, Clifton Rd., Sutton Cold-
1894 Jan. 23.	HODGSON, GEORGE HENRY ..	Sulphide Corporation, Newcastle.
1889 Apr. 16.	HODSON, FREDERICK WALTER	Loughborough. [N.S.W.]
1894 Feb. 20.	HODSON, MURDOCH MACKENZIE	1 Chester Terrace, Regent's Park, N.W.
1895 Mar. 5.	HOGAN, CHARLES .. .. .	Guildhall Buildings, Plymouth.
1895 Nov. 26.	HOGARTH, WILLIAM HUGH ..	6 Tanza Road, Hampstead, N.W.
1895 Mar. 12.	HOLLAND, WILFRID .. .. .	84 Park Road, Newcastle-on-Tyne.
1896 Mar. 17.	HOLLIDAY, JOHN .. .. .	Southgate House, Pontefract.
1891 Jan. 16.	{ HOLLINGSWORTH, ARNOLD HACKNEY .. .. . }	150 Bedford Hill, Balham, S.W.
1891 Nov. 24.	{ HOLMES & COURT, Hon. HENRY WORSLEY .. .. . }	M. S. & L. Ry., Loughborough.
1892 Mar. 15.	HOMAN, WILLIAM MACLEAN ..	719 Great Western Road, Glasgow.
1892 Mar. 1.	HOME, HENRY .. .. .	10 Park Place East, Sunderland.
1896 May 5.	HOOD, DAVID WILSON .. ..	Trinity House, E.C.
1892 Mar. 15.	HOOD, EDWARD .. .. .	Red Lodge, Cranes Park, Surbiton.
1896 Mar. 17.	HOOPER, PERCY NICHOLAS ..	Surrey House, Clapton Common.
1891 Nov. 3.	HOPE, ALARIC .. .. .	Coburg Dock, Liverpool. [N.E.]
1896 Mar. 3.	HOUNSFIELD, FRANCIS CECIL ..	13 Beechgrove Terrace, Leeds.
1893 Nov. 14.	HOWARD, FRANCIS ELIOT ..	Hoe Street, Walthamstow.
1895 Feb. 19.	HOWE, CHARLES JOHN .. ..	25 Alexandra Road, Bedford.
1893 Dec. 12.	HOWLEY, RICHARD JOSEPH ..	{ Lynton Ry., Bridge Chambers, Barnstaple.
1895 Oct. 22.	HOYLE, ALGERNON BLACKETT	Government Rys., Tientsin, China.
1891 Nov. 9.	HUDSON, WALTER .. .. .	42 Priory Terrace, Bedford.
1892 Feb. 2.	HULL, FRANCIS REGINALD ..	Mamre, Marmora Rd., Honor Oak, S.E.
1892 Nov. 22.	HUMMEL, FRANK HARVEY ..	88 Saleott Rd., Wandsworth, S.W.
1896 Feb. 4.	HUMPHREY, BARNARD .. ..	Lyddon Hall, Leeds.
1895 Jan. 8.	HUNT, LOUIS JOHN .. .. .	423 High Road, Chiswick, W.
1891 Nov. 24.	HUNT, VIVIAN BARKER .. ..	36 Alleyn Park, West Dulwich.
1894 Dec. 4.	{ HUNTINGFORD, GEORGE TRE- MENHEERE .. .. . }	Renishaw, Derbyshire.
1896 Feb. 25.	HURLEY, FREDERICK ARTHUR.	Royal Indian Eng. Coll., Staines.
1894 Apr. 10.	HURST, GEORGE FREDERICK ..	16 York Street, Newcastle-on-Tyne.
1895 Nov. 26.	{ HURT, FRANCIS WILLIAM RICHARD .. .. . }	Sandal Vicarage, Wakefield.
1895 Feb. 12.	HUTCHINS, ERNEST EDWARD ..	5 Conway Road, Canton, Cardiff.
1891 Mar. 3.	HUTCHINS, FREDERICK .. ..	Mario Villa, Peckham Rd., S.E.
1894 Oct. 16.	HUTCHINSON, HENRY WESTERN	9 Western Parade, Southsea.
1893 Apr. 25.	HUTCHINSON, WALTER JAMES	Rowley Avenue, Stafford.
1895 Jan. 8.	HUTTON, FRANCIS HENRY ..	Vicar's Court, Lincoln.
1889 Nov. 26.	HUTTON, STANLEY PAGE ..	24 Ludgate Hill, E.C.
1895 Oct. 22.	FANSON, WILLIAM MANGLES ..	Bardencroft, Saltburn-by-the-Sea.
1894 Jan. 16.	INCE, JOHN OSCAR .. .. .	13 Frogna, N.W.
1895 May 21.	INGLIS, JOHN, B.Sc. .. ..	Sloehd Muic, Carrbridge, N.B.
1894 May 1.	INGLIS, JOHN HENRY .. ..	8 Kingdon Rd., W. Hampstead, N.W.
1892 Nov. 22.	INMAN, FRANCIS .. .. .	Staverton House, Trowbridge.
1893 Dec. 19.	{ IRELAND, GEORGE BARTON PERKINS .. .. . }	Irrigation Dept., Minia, Upper Egypt.
1894 May 1.	IZAT, ANDREW HAMILTON ..	{ 230 Kenmure St., Pollokshields, Glasgow.

Date of Admission.	STUDENTS.	
1894 Dec. 4.	JACKSON, ALFRED ERNEST ..	Sheepridge, Huddersfield.
1894 Mar. 6.	JACKSON, ARTHUR .. .. .	P. W. Meik, 16 Victoria St., S.W.
1896 Jan. 7.	JACKSON, WILLIAM EDWARD ..	1 Nelson Terrace, Stockton-on-Tees.
1893 Mar. 21.	JACQUES, HAROLD SISSON ..	Municipal Office, Cheltenham.
1895 Nov. 19.	JAFFÉ, DANIEL .. .. .	138 Sutherland Avenue, W.
1896 Jan. 14.	{JAGADISA AIYAR, SUNDARAM AIYAR ARUMBUR, B.A. ..}	c.o. British Mail Agent, Bonakal, India.
1895 Nov. 19.	JAKEMAN, CHRISTOPHER ..	Bouldnor Lodge, Lewisham Hill, S.E.
1894 May 22.	JAMES, JULIAN HENRY .. ..	East Indian Ry., Calcutta.
1895 Mar. 19.	JAMES, WILLIAM HENRY ..	24 Stacey Road, Cardiff.
1894 Oct. 16.	{JAMESON, ALEXANDER HOPE, B.Sc. .. .. .}	Lancside House, Whalley Road, Accrington.
1894 Mar. 6.	JEBB, ALVERY ATCHERLEY ..	Fairfield, Great Barr, Birmingham.
1893 Nov. 7.	{JEFFARES, JOHN LETT SEALY, B.Sc. .. .. .}	Ballykelly, Wexford.
1895 Oct. 22.	JEFFCOAT, CYRIL MURE .. ..	12 Avenue Elmers, Surbiton.
1890 Nov. 11.	{JENKINSON, WILLIAM ERIC LEIGH .. .. .}	Roslin, Palace Rd., Tulse Hill, S.W.
1890 Nov. 11.	JOHNS, PERCY .. .. .	Boro' Surveyor's Office, Eastbourne.
1894 May 1.	JOHNSTON, WILLIAM .. ..	Endrick Cottage, Giffnock, Glasgow.
1896 Feb. 25.	JONES, ARTHUR HENRY .. ..	W. T. Douglass, 15 Victoria St., S.W.
1896 May 5.	JONES, FREDERICK JAMES ..	Ry. Dept., Dunedin, N.Z.
1894 Nov. 20.	JONES, FREDERICK TALFOURD	Rosbank, Eastbourne.
1889 Mar. 5.	JONES, HAROLD CECIL .. ..	{Main Drainage Works, Burg St., Cape Town, C.C.
1895 Nov. 5.	JONES, JOHN ALEXANDER ..	116 Shepherd's Bush Road, W.
1896 May 5.	JONES, STANLEY HUNTER ..	Marden Ash, Ongar.
1893 May 2.	JONES, WILLIAM GORDON ..	Westernmoor, Neath, S. Wales.
1894 Feb. 27.	JONES, WILLIAM SAMUEL ..	Goolburgah, Deccan, India.
1892 May 17.	JOSELIN, EDWARD LIVINGSTONE	81 Bennerley Rd., Wandsworth, S.W.
1895 Oct. 22.	JULIUS, GEORGE ALFRED .. ..	Canterbury Coll., Christchurch, N.Z.
1893 Nov. 21.	KANTHACK, FRANCIS EDGAR ..	Grindlay, Groom & Co., Bombay.
1894 Nov. 20.	KAY, CHARLES WARRE .. ..	59 Hamilton Terrace, N.W.
1895 Dec. 3.	KEEVILL, ROBERT GRAHAM ..	West View, Clifton Wood, Bristol.
1894 Dec. 4.	KEIGWIN, ARCHER DAVE ..	Hollybrake, Merton Park, Surrey.
1894 May 22.	KELLY, ARTHUR CLIFTON ..	10 Grove Crescent, Stratford, E.
1895 Mar. 19.	KENNEDY, JOHN ALOYSIUS ..	17 Mountjoy Square, Dublin.
1892 May 24.	KENNEDY, ROBERT SINCLAIR ..	6 Winifred Terrace, Sunderland.
1894 May 1.	KENT, FREDERICK GORDON ..	20 Swallowfield Rd., Old Charlton.
1892 Nov. 29.	KENT, ROBERT JACKSON .. ..	King, King & Co., Bombay.
1896 Jan. 14.	KENYON, FRANCIS EDWARD ..	Corean Cottage, Ellon, N.B.
1896 May 19.	KERR, JAMES MORTON .. ..	11 Clifford Street, Glasgow.
1895 Dec. 3.	KERR, RENNIE MALCOLM ..	Gokak Falls, Belgaum, India.
1895 Mar. 12.	KERSHAW, JOSEPH WOOD, B.Sc.	909 Ashton Old Rd., Manchester.
1895 Mar. 5.	KEYTE, GEORGE .. .. .	Gasworks, South Shields.
1894 Feb. 20.	KHAREGAT, MERWANJEE RUTTONJEE	P.W.D., Bezwada, Madras.
1892 Nov. 8.	{KIESER, WILLIAM HENRY GUSTAV .. .. .}	Town Hall, Torquay.
1894 Apr. 17.	{KING, CHARLES ALEXANDER, B.Sc. .. .. .}	167 St. Vincent St., Glasgow.
1894 Dec. 4.	KINMONT, DAVID WATSON ..	13 Dalrymple Crescent, Edinburgh.
1895 Nov. 5.	KIRKBY, HENRY MCKENZIE ..	3 Elsham Road, Kensington, W.
1891 Nov. 3.	{KIRKPATRICK, CYRIL REGINALD SUTTON .. .. .}	John Wilsons & Sons, Mirfield, Yorks. [Glasgow.
1893 Feb. 21.	KIRKWOOD, JOHN .. .. .	Formans & McCall, 160 Hope St.,
1893 Jan. 10.	KITCHIN, JOHN WILLIAM ..	35A Great George Street, S.W.
1891 Nov. 9.	KLECZKOWSKI, FREDERIC TUDOR	67 <sup>me</sup> de Ligne, Soissons, France.
1894 Oct. 30.	KNIGHT, ARTHUR BERTRAM ..	63 St. Charles Sq., Notting Hill, W.
1893 Feb. 21.	KOPPELOW, CHARLES VON ..	
1893 Nov. 28.	KÜHL, HARRIS JÜRGEN CARL ..	Engineer's Office, Dock No. 2, Barry.



Date of Admission.	STUDENTS.	
1894 Apr. 10.	LANKESTER, WILLIAM RAMSDEN	15 Belsize Park Gardens, N.W.
1894 Dec. 4.	LAPWORTH, HERBERT .. ..	13 Duchess Road, Birmingham.
1893 Dec. 19.	LARKE, WILLIAM JAMES .. ..	Homerdale, Mottingham, Kent.
1893 Apr. 11.	LART, FREDERICK ARTHUR .. ..	L. & N.W.Ry., Crewe.
1893 Jan. 31.	LATHAM, FRANK .. ..	Westbourne House, Margate.
1894 Dec. 4.	{ LA TROBE-BATEMAN, FREDERIC WINFRIED .. ..	St. John's, Auckland Rd., Upper Norwood, S.E.
1892 Nov. 8.	{ LAURIE, ALEXANDER CHARLES HERMANN, F.C.H. .. ..	Great Northern Hotel, Allahabad, N. W. P., India.
1895 Mar. 5.	LAWRENCE, MAXIMILIAN ROBT.	Midland Ry., Belle Vue, Manchester.
1895 Feb. 12.	LAWRENCE, RICHARD PRIESTLEY	J. W. Brown, North Clifton, Newark.
1895 Jan. 8.	LAWS, BERNARD COURTNEY ..	25 Maude Grove, Brompton, S.W.
1895 Dec. 3.	LAWSON, JOHN CHARLES STAVELEY	St. George's Vicarage, Barnsley.
1892 Mar. 1.	LEAKE, HENRY COOK .. ..	151 Church Lane, Charlton, S.E.
1893 Nov. 7.	{ LEDGER, WILLIAM HENRY, M.C.E. .. ..	Montclair, New Jersey, U.S.
1895 Nov. 26.	LEESON, GEORGE WILLIAM ..	{ 3 Burnaby Gardens, Gunnersbury, W. [N.B.]
m 1889 Apr. 2.	LEITCH, WILLIAM ORR, JUN. ..	Brand & Son, Cruden Ry., Ellon.
1893 Nov. 1.	LESLIE, JAMES PATRICK .. ..	Highland Ry., Inverness.
1895 Nov. 5.	LEWIS, ARTHUR WILFRID ..	32 Lee Park, Blackheath, S.E.
1894 Feb. 20.	LEWIS, FRANK THOMAS WOLSELEY	1 Cole Street, Birkenhead.
1890 Nov. 11.	LEWIS, RALPH MORGAN .. ..	19 Cranbury Place, Southampton.
1894 Dec. 4.	LIGHTFOOT, CECIL .. ..	Lillenstein, Winterthur, Switzerland.
1896 Jan. 7.	LIST, JOHN FORSTER .. ..	1 Lawrence St., Dowanhill, Glasgow.
1896 Jan. 7.	LITTLE, MALCOLM .. ..	146 Woodsley Road, Leeds.
1894 May 22.	LITTLE, MATTHEW .. ..	146 Woodsley Road, Leeds.
1892 Nov. 8.	LLOYD, GUY ERNEST .. ..	Laurels, Warwick Grove, Surbiton.
1895 Feb. 19.	LLOYD, HENRY GARDINER ..	34 Borough Street, Brighton.
1894 Oct. 30.	LLOYD-DAVIES, DAVID ERNEST	Wyre Court, Bowdley.
1893 Nov. 14.	LOAM, MATTHEW .. ..	22 St. John's Street, Oxford. [E.]
1888 Nov. 13.	LOVEGROVE, ERNEST .. ..	Truman & Co., Brewery, Spitalfields,
1894 Dec. 4.	LOVELL, JAMES HARRY .. ..	Marlow.
1895 Oct. 22.	{ LUCAS, FREDERIC HORACE FAVIELL .. ..	63 Elgin Crescent, W.
1891 Feb. 10.	LUCAS, LEOPOLD DANIEL ..	55 Oxford Gardens, Notting Hill, W.
1893 Nov. 28.	LUCAS, OWEN DAVID .. ..	10 Westbourne Terrace, W.
1894 Mar. 13.	LEPTON, HARRY, JEB. .. ..	City Surveyor's Office, Canterbury.
1895 Jan. 8.	LUTMAN, JOHN BLOIS .. ..	104 High St., Cefn Coed, Merthyr.
1892 Apr. 26.	LYNDE, GERALD GASCOIGNE	{ 4 Johnson Street, Old Trafford, Manchester.
1892 Jan. 26.	LYON, ERNEST .. ..	De Blanco 279, Valparaiso, Chili.
1896 May 19.	MCCLEAN, WM. NEWSAM, B.A.	21 Delahay St., Westminster, S.W.
1892 Nov. 8.	{ MCCORMICK, CHARLES WILLIAM ALEXANDER ORR PATERSON	M. S. & L. Ry., Brackley, Northants. [St., Glasgow.]
1894 Oct. 30.	MCCREATH, CHARLES .. ..	W. R. Copland, 116 West Regent
m 1895 Mar. 26.	MCDONALD, EDWARD SLATER	The Laurels, Derby.
1896 Feb. 4.	MACDONELL, DANIEL HARRISON	2 Middle Temple Lane, E.C.
1894 Oct. 30.	MCFADZEAN, CHARLES, JUN. ..	2 Park Ter., Shettleston, Glasgow.
1894 Dec. 4.	{ MACFARLANE, RIENZI WALTON, A.R.S.M. .. ..	2 Lexham Gardens, W. [Chester.]
1893 Dec. 12.	MELQUHAM, WILLIAM .. ..	54 Johnston St., Cheetham, Man.
1890 Mar. 11.	MCDONNELL, ALEXANDER .. ..	Assam-Bengal Ry., Cachar, India.
1894 Oct. 16.	{ McIVER, NORMAN ALEXANDER HARRIS .. ..	Bari Doab Canal, Amritsar, Punjab.
1896 Jan. 7.	MACKAY, ROBERT GORDON ..	{ Sturtevant Eng. Co., 75 Queen Victoria St., E.C.
1894 Oct. 16.	McKELLAR, CHARLES ORETI ..	{ Dr. McKellar, Manor Place, Dun- edin, N.Z.

Date of Admission.		STUDENTS.	
1893 Nov. 21.	{	MCKENZIE, ALEXANDER LAWRENCE .. .. .	Byculla Saw Mills, Mazagon, Bombay.
1892 Nov. 22.	{	MACKENZIE, ALEXANDER RODERICK .. .. .	Highland Ry., Carrbridge, Aviemore, N.B.
1892 Feb. 2.		MACKENZIE, IAN DUNCAN ..	{ Standard Bank of South Africa, Buluwayo, South Africa. [S.W.]
1892 Dec. 6.		McKERROW, RONALD BRUNLEES	227 Cromwell Mans., Cromwell Rd.,
1889 Apr. 9.		McKIE, ERNEST PERCY .. ..	{ District Water Supply, Frimley Green, Farnborough, Hants.
1892 Dec. 20.		MACKINLAY, ANDREW GRIEVE	31 Lovaine Cres., Newcastle-on-Tyne.
1892 Nov. 8.	{	McMEERIN, JOHN BUCHANAN MARSHAL .. .. .	Patrakola Tea Estate, Adamapore, Sylhet, India.
1896 May 5.		MACNEE, DANIEL .. .. .	Roselands, Surbiton Hill.
1892 Nov. 1.	{	MACTAGGART, NORMAN JOHN CAMPBELL, B.E. .. .. .	Water and Sewerage Board, Pitt St., Sydney, N.S.W.
1894 Feb. 20.		MADDOCKS, ARTHUR PERCY ..	Cwm Elan, Rhayader, Rads.
1895 Jan. 22.		MADELEY, JAMES WELBY, B.A.	Jas. Mansergh, 5 Victoria St., S.W.
1894 Dec. 4.		MAEERS, FRANK .. .. .	11 Meeting Ho. Lane, Peckham, S.E.
1895 Oct. 22.		MAHON, WILLIAM HENRY ..	Wolfville, Clarendon Rd., Watford.
1896 Mar. 31.		MAIR, GEORGE PASCOE .. ..	43 Palace Court, W.
1892 Dec. 20.		MAKOVSKI, ALBERT WATERLOW	Fairlawn, Redhill.
1896 Mar. 3.		MALDEN, DOUGLAS STANLEY ..	32 Montpellier St., Brighton.
1896 May 5.		MALLINSON, SIDNEY RICHARD	Rawdon Hall, Rawdon, Leeds.
1892 Jan. 11.	{	MALPAS, ARTHUR ERNEST, Wh. Sc. .. .. .	34 Arlington Road, Surbiton.
1889 Apr. 16.	{	MANNING, GEORGE WILLIAM JOHN EARNEST .. .. .	Surv.'s Office, Biggleswade, Beds.
1891 Nov. 9.		MANSERGH, WALTER LEAHY ..	51 Fitzjohn's Avenue, Hampstd., N.W.
1889 Nov. 26.		MARKHAM, CECIL CARY .. ..	11 Cleveland Terrace, Darlington.
1896 Jan. 7.		MARRIAN, HAROLD GREENWOOD	64 Craven Park, Harlesden, N.W.
1891 Dec. 8.		MARSDEN, JAMES WHITTAKER	Ruckholt, Hermon Hill, Wanstead.
1892 Apr. 5.		MARSH, HAROLD HENRY .. ..	91 Ermine Road, Lewisham, S.E.
1893 Mar. 7.		MARSH, JOHN GEORGE RALPH	33 Great George Street, S.W.
1894 Dec. 4.		MARSHALL, JOHN FREDERICK ..	King's College, Cambridge.
1894 Nov. 27.		MARSHALL, MORTIMER HILL ..	{ Holme & King, 28 Victoria Street, S.W.
1892 Feb. 23.		MARSHALL, PERCIVAL .. ..	11 Waldeck Road, West Green, N.
1893 Nov. 14.		MARSLAND, ROLAND .. .. .	59 West Hill, Huddersfield.
1891 May 5.		MARTIN, ERNEST BRANWHITE	City Engineer's Office, Leeds.
1892 Dec. 6.	{	MARTIN, JOSEPH CLARKE COL- LINS .. .. .	Bengal-Nagpur Railway, Balasore, India.
1891 Nov. 9.	{	MASSÉ, ROBERT WILLIAM HENRY JOSEPH .. .. .	Elmcroft, North Finchley, N.
1893 May 9.		MATHER, HENRY THOMAS ..	{ Brunswick Lodge, Berrylands, Surbiton Hill.
1895 Mar. 5.	{	MATHESON, ATHERTON GREVILLE EWING	31 Clarendon Road, Leeds.
m ✱ 1893 Apr. 11.		MATHESON, EDWARD EWING ..	L. D. & E. C. Ry., Tuxford, Notts.
1895 May 21.		MATHIESON, JAMES GRAY ..	7 Meynell Rd., South Hackney, E.
1893 Feb. 21.		MAUDSLAY, REGINALD WALTER	Holly Bush, Longeross, Chertsey.
1894 Jan. 3.		MAYES, GEORGE RICHARD ..	Wynnstay Collieries, Ruabon.
1895 Feb. 26.		MIDDLETON, PERCY ALBERT HIRST	25 Stopford Road, Upton Manor, E.
1896 Feb. 4.	{	MIDDLETON, ROBERT CARRINGTON .. .. .	Sheepscar Foundry, Leeds.
1895 Nov. 19.		MIDDLETON, THOMAS TYSON ..	Hoyland Common, near Barnsley.
1896 Feb. 25.		MIDDLETON, WILLIAM .. ..	Oriel House, Chelmsford.
1891 Mar. 17.		MILLARD, BERTRAM GEORGE	Roads Office, Tumut, N.S.W.
1896 Mar. 31.	{	MILLER, EDWARD THOMAS EVERY .. .. .	Assam-Bengal Ry., Haflong, Cachar, India.
1895 Nov. 5.		MILNER, HAROLD WOOD, B.Sc.	150 Clifton St., Brooks' Bar, Manchester.
1892 Nov. 22.		MITCHELL, CLIFFORD .. ..	Ossett, Yorks. [chester.]
1892 Nov. 22.	{	MITCHELL, HUGH HENRY GORDON .. .. .	New Trent Bridge, Nottingham.

Date of Admission.	STUDENTS.	
1894 May 22.	MITCHELL, JAMES BOON .. ..	{ 1 River Ter., Queen's Rd., Hammer-smith, W.
1893 Nov. 21.	MOBERLY, JAMES EDWARD .. ..	9 Redcliffe Villas, Surbiton.
1895 May 14.	MOIR, ALLAN MACRAE .. ..	Bolsover, Derbyshire.
1892 Feb. 23.	MOLLEN, WARDEN APPELEY .. ..	Shanghai, China.
1895 Jan. 29.	MOLONY, FREDERICK ARTHUR .. ..	H. Humphreys, Alperton Pk., Harrow.
1894 Oct. 30.	MONK, JAMES EDMONDSON, B.Sc.	{ Clayton Cottage, Abbey Rd., Cambridge.
1894 Mar. 6.	MONTAGU, DROGO .. ..	{ Electric Light Works, Dewar Place, Edinburgh.
1892 Mar. 15.	MONTGOMERIE, ROBERT .. ..	131 West Regent Street, Glasgow.
1894 Nov. 6.	MOORAJ, FAZAL GOOLASHHOSEIN .. ..	101 Old Bengalpura St., Bombay.
1895 Nov. 5.	MOORBY, WILLIAM HENRY, B.Sc.	154 Rydal Mt., Cheetham, Manchestr.
1896 Jan. 7.	MOORE, SYDNEY WILLIAM, B.A.	67 Fitzwilliam Square, Dublin.
1893 May 9.	MORE, JOHN RHYS .. ..	Grafton Villa, Rondebosch, C. Colony.
1896 Jan. 7.	MORGAN ALFRED MARK .. ..	Brasie, The Avenue, Beckenham.
1895 Jan. 8.	MORGAN, FRANCIS EDWARD .. ..	D'Eresby House, Ealing, W.
1894 May 22.	{ MORGAN, WILLIAM RICHARD } WILNOT .. ..	131 West Regent Street, Glasgow.
1894 Nov. 20.	MORRIS, EDWARD HAROLD .. ..	Poulton-le-Fylde, Lancs.
1893 Apr. 25.	MORRIS, HARRY .. ..	St. Saviours Road, Jersey.
1892 Dec. 6.	MORRIS, JOHN TURNER .. ..	13 Somers Place, Hyde Pk. Sq., W.
1896 Jan. 7.	MORRIS, WILLIAM GERALD .. ..	Kent Waterworks, Deptford, S.E.
1895 May 14.	MORRISON, HARRY SCOTT .. ..	Laurel Bank, Partick, Glasgow.
1893 Feb. 21.	MORRISON, RALPH PERCY .. ..	15 Hyde Park Terrace, Leeds.
1893 Nov. 28.	MOSELEY, ARTHUR .. ..	46 Bramhall Lane, Stockport.
1890 Apr. 29.	MOTLEY, PHILLIPS BATHURST .. ..	Canadian Pacific Ry., Montreal.
1895 Oct. 22.	MOWAT, MAGNUS, JUN. .. ..	{ Pitmain Lodge, Granville Park, Blackheath, S.E.
1895 May 14.	MOWBRAY, JOHN LESLIE .. ..	Gartcosh, Glasgow.
1891 Dec. 8.	MUGLISTON, HAROLD .. ..	Midland Ry., Purchase St., St. Pan-
1894 Dec. 4.	MULLINGS, CLEMENT TUDWAY .. ..	Cirencester. [eras, N.W.
1890 Dec. 2.	{ MUMME, ERNEST CHARLES } ADAMS .. ..	Dungallon, Greenock, N.B.
1895 Jan. 29.	MURPHY, MATTHEW ALEXANDER .. ..	{ J. A. King, Glazert Bank House, Lennoxtown, N.B.
1894 Dec. 4.	MURRAY, ALISTAIR RODERICK .. ..	
1894 Apr. 3.	{ MURRAY, ROBERT ALAN } ERSKINE .. ..	40 Montgomerie Drive, Glasgow.
1891 Jan. 27.	MYBURGH, HENRY HAWKINS .. ..	Fairholm, Wynberg, Cape Town, C.C.
1894 Oct. 16.	NANGLE, HUGH GERALD .. ..	22 Onslow Square, S.W.
1894 Mar. 6.	NAPIER, HERBERT FOLEY .. ..	2 St. Michael's Terrace, Devonport.
1889 Mar. 26.	NASH, WILLIAM GEORGE .. ..	Fairlawn, Swanage.
1894 Dec. 11.	NEATE, ALFRED NOEL .. ..	24 Maryport Street, Devizes.
1895 Mar. 26.	NEISH, JAMES .. ..	Myre Hall, Houghton-le-Spring.
1896 May 19.	NEUBALD, WALTER JAMES .. ..	93 Gloucester St., Newcastle-on-Tyne.
1894 Dec. 4.	NEWMARCH, DOUGLAS CLAUD .. ..	Tait, Tate & Co., Taiping, Perak, S.S.
1893 Mar. 7.	NEWTON, EDWIN BRIERLEY .. ..	City Surv.'s Office, Carlisle.
1892 Feb. 23.	NIBLETT, HERBERT HENRY .. ..	{ Longthorpe, Edgware Rd., Brondes-bury, N.W.
1890 Jan. 21.	NICHOLL, JOHN CLARIDGE .. ..	31 Shaw Rd., Heaton Chapel, Lancs.
1892 Jan. 26.	NICHOLLS, CHARLES BERESFORD .. ..	Mount Lyell Ry., Strachan, Tasmania.
1894 Dec. 4.	NICHOLSON, EDWARD .. ..	Royal Indian Eng. Coll., Staines.
1893 Nov. 7.	{ NICOLLS, EDWARD HUGH } DYNELEY .. ..	M. S. & L. Ry., London Road, Manchester.
1895 Mar. 5.	NIELSON, JOHN FREDERICK .. ..	Bank of Scotland House, Glasgow
1893 Dec. 19.	NIMMO, JAMES VALENCE .. ..	The Union, University, Glasgow.
1895 May 14.	NIVEN, JAMES JUST .. ..	{ East Fife Central Ry., Windygates Fife, N.B.
1895 Jan. 8.	NUTHALL, WILLIAM FROST .. ..	Mereside, Olton, Birmingham.
1893 Nov. 28.	NUTTALL, HERBERT .. ..	175 Fernsholme, Bury, Lancs.

Date of Admission.	STUDENTS.	
1895 Mar. 5.	OAKDEN, RALPH .. ..	Guildhall, Nottingham.
1896 Feb. 25.	OAKES, HENRY KELLETT ..	{ Cranaghan Rectory, Belturbet, co. Cavan.
1896 May 19.	O'BRIEN, HENRY EOGHAN ..	
1891 Dec. 1.	{ OGILVIE, FREDERICK DOUGLAS } WALKER .. .. .	Yorkshire College, Leeds. Blenholme, New Barnet.
1896 Jan. 7.	{ PACK - BERESFORD, ALGERNON } DUNBAR .. .. .	King's College, Strand, W.C.
1892 Nov. 29.	PAGE, FREDERICK SALKELD ..	
1895 Oct. 22.	PALLANT, THOMAS EDMUND ..	Tramways Co., Calcutta.
1896 Feb. 4.	PALMER, GEORGE FREDERIC ..	Boro' Surveyor's Office, Poole.
1894 Dec. 4.	PARK, WILLIAM MORTON ..	24 Belsize Crescent, N.W.
1894 Nov. 6.	PARKER, DAVID FLOWER ..	Stoneville, Wakefield.
1891 Mar. 17.	PARKIN, ERNEST .. ..	Springfield, Liversedge, Yorks.
1893 Nov. 14.	PARKIN, FRANK .. ..	City Surveyor's Office, Sheffield.
1894 Feb. 27.	PARKINSON, BERNARD ROBERT	157 Penshore Rd., Edgbaston, B'ham.
1893 Dec. 12.	PARKINSON, FRANK LOCKHART	White House, Pendleton, Lancs.
1894 Oct. 16.	PARKINSON, JOHN .. ..	251 Camden Road, N.
1895 Jan. 8.	PATERSON, LIONEL LANGDON ..	Horsehay Co., Horsehay, Salop.
1893 Nov. 14.	PAYNE, WILLIAM SAMUEL ..	{ V. Hutt, Markham's Buildings, Adderley St., Cape Town, C.C.
1891 Nov. 24.	PEARCE, EDWARD NATHANIEL	
1896 Mar. 31.	PEARSON, EDWARD ERNEST ..	231 High Street, Brentford.
1896 Jan. 7.	PEARSON, GEOFFREY HOPE ..	10 Victoria Street, S.W.
1892 Jan. 11.	PEARSON, KENNETH RAMSAY	Brackley House, Southgate, N.
1895 Nov. 5.	PENNY, HENRY CHARLES ..	46 Osborne Ter., Clapham Rd., S.W.
1895 Nov. 5.	PERRY, GEORGE STEPHENS ..	{ Ecclesbourne, Bramshill Road, Harlesden, N.W.
1894 Jan. 23.	PETAVEL, JOSEPH ERNEST ..	Southill, Crystal Palace Park, S.E.
1891 Dec. 8.	PETERS, NEIL JAMES .. ..	60 Kensington Gardens Square, W.
1894 Oct. 30.	PHILLPOTTS, WILLIAM MANLEY	Waterworks Office, Southampton.
1892 Jan. 11.	PICKEN, GEORGE ARTHUR ..	{ Marysville, Lewis & Clarke Co., Montana, U.S.
1894 Dec. 4.	PIDDOCKE, THOMAS NEWBOLD	
1892 Jan. 26.	PITTAR, GEORGE FRANCIS ..	19 Park Street, Igham, Lancs.
1895 Oct. 22.	POCKLINGTON, ROBERT HENRY	County Conservative Club, Leeds.
1892 May 24.	POLWHELE, JOHN ARCHIBALD	Red Lodge, Briar Walk, Putney, S.W.
1895 Oct. 22.	POPE, HANDEL NORMAN .. ..	Chelsworth, Suffolk.
1890 Nov. 18.	{ POULDEN, GEORGE EDWARD } LUTHER .. .. .	{ Bengal & N. W. Ry., Chupra, Sarun, India.
1895 Nov. 5.	PRESTON, FREDK. KENNERLEY	Box 497, G.P.O., Sydney, N.S.W.
1895 Mar. 5.	PRICE, GEORGE JOHN, B.A. ..	21 Caprera Terrace, North Road, Plymouth.
1892 Nov. 29.	PRICE, JAMES HENRY .. ..	Technical School, Sheffield.
1896 May 19.	PRIEST, SAMUEL BENJAMIN ..	84 Lower Leeson Street, Dublin.
m 1891 Feb. 10.	PRITCHARD, PHILIP MORRIS ..	Victoria St., Fraserburgh, N.B.
1893 Dec. 19.	PROES, ERNEST MARINUS ..	Providence House, Old Hill, Staffs.
1891 Nov. 9.	PULLEINE, JOHN JAMES .. ..	Mathieson Works, Widnes.
		E. I. Railway, Gaya, Bengal.
		Ackland Road, Dorchester.
1894 Dec. 4.	{ RADCLIFFE, ROGER CHIDEOCK } JOSEPH .. .. .	Renishaw, Derbyshire.
1893 Nov. 28.	RAE, WILLIAM ROSS .. ..	
1893 Feb. 7.	RAFAREL, CHARLES JOHN ..	Crouch & Hogg, 175 Hope St., Glasgow.
1893 Nov. 21.	RAIKES, HUGH PERCIVAL ..	22 Goodman Street, Hunslet, Leeds.
1895 Nov. 5.	RAIN, WILLIAM ALEXANDER ..	14 Plough & Harrow Rd., Edgbaston.
1893 May 16.	{ RAMIAH, GANAPATHY SWANEY } IYE, B.C.E., B.A. .. ..	Shire Office, Donald, Victoria.
1894 Nov. 6.	RAMSEY, ALBERT NORMAN ..	Ganapathiagraham, Ayyempet, Tanjore, Madras.
1894 Dec. 4.	RANDALL, ALEXANDER BRODRIBB	Essington, Elm Road, Beckenham.
		358 Romford Road, Forest Gate, E.

Date of  
Admission.

## STUDENTS.

1894 Nov. 20.	{ RANGANAYAKULU NAYNDU, POLISETTI, B.C.E. . . . }	P.W.D., Dowlaishweram, Madras.
1889 Dec. 10.	RAPHAEL, FRANCIS CHARLES	{ Friedrich-Wilhelmstrasse 104, Duis- burg, Germany.
1896 Jan. 7.	RAPHAEL, OSCAR CHARLES ..	37 Portland Place, W.
1891 May 5.	REDFERN, CHARLES GEORGE ..	4 South Street, Finsbury, E.C.
1896 Feb. 25.	REDFORD, WILLIAM THOMAS	District Council, Patricroft, M'chester.
1895 Jan. 8.	REEVES, RICHARD EAGLE ..	15 Brondesbury Villas, Kilburn, N.W.
1894 Nov. 6.	RICE, HAROLD DOUGLAS ..	Pen Rhiw, Bangalore, India.
1896 Jan. 14.	RICH, THEODORE .. ..	104 St. George's Square, S.W.
1896 Jan. 7.	RICHARDS, CHARLES HENRY ..	Nundydroog Mine, Corgaum, Mysore.
1893 Nov. 14.	RICHARDS, RUPERT PEEL ..	St. Peter's Vicarage, Newbold, Lincs.
1894 May 1.	{ RICHARDS, WALTER EDWIN WINDSOR .. . . . }	Low Moor Ironworks, Bradford.
1890 Nov. 11.	RIGBY, EDWARD HULME, B.Sc.	Elton, Aintree, Liverpool.
1895 Nov. 5.	RIVERS, CHARLES EDWIN ..	Boro' Engineer's Office, Torquay.
1891 Nov. 3.	ROBERTS, ALFRED HENRY ..	Pentyla, Aberavon, S. Wales.
1893 Feb. 14.	ROBERTS, DAVID OWEN ..	25 Fopstone Rd., Earl's Court, S.W.
1893 Nov. 7.	ROBINSON, HEATON FORBES ..	33 Lee Park, Blackheath, S.E.
1895 Oct. 22.	ROBINSON, HENRY .. ..	10 Burrell Street, Ipswich.
1895 Nov. 5.	ROBINSON, RALPH .. ..	Stanford-le-Hope, Essex.
1892 Nov. 8.	RODDA, EDWARD CHARLES ..	Waterworks Eng.'s Office, Cardiff.
1894 Jan. 30.	{ ROE, RICHARD DARTNELL TENNANT .. . . . }	{ G. B. Chace & Co., El Altode Junin, Pisagua, Chili.
1895 May 14.	ROFE HENRY JOHN, B.A. ..	8 Victoria Street, S.W.
1894 Oct. 16.	{ ROGER, JAMES PEAT FIRTH LINDSAY .. . . . }	{ 34 Telkul Ghat Rd., Howrah, Calcutta.
1893 Mar. 7.	ROGERS, ARTHUR EDWARD, B.A.	Riverhill, Sevenoaks.
1895 Nov. 5.	RONALD, DAVID .. ..	Cauldhame, Falkirk, N.B.
1895 Jan. 8.	ROOTS, NEVILLE .. ..	Gordon House, Tonbridge.
1895 May 14.	ROSEVEARE, LESLIE .. ..	Municipal Offices, Plymouth.
1894 Apr. 10.	ROSHER, EDWARD MARSHALL	28 Victoria Street, S.W.
1896 Mar. 3.	ROSS, JOHN KEITH, M.A., B. Sc.	35 Warbrick Rd., Blackpool.
1891 Apr. 21.	ROUSE, FRANCIS JAMES ..	Bengal-Nagpur Ry., Kandra, India.
1889 Mar. 19.	ROYLE, FREDERICK MURRAY ..	Guildhall, Nottingham.
1895 Nov. 5.	RUGG, LEWIS HENRY ..	19 Clarendon Rd., Stockwell, S.W.
1892 May 17.	RUSSELL, ALEXANDER GORDON	[Glasgow.
1894 Apr. 17.	RUSSELL, THOMAS WILLIAM ..	Prospect House, Newton Mearns,
1896 May 5.	RUTHERGLEN, CHARLES ROGERS	Knightswood Cottage, Bothwell, N.B.
1895 Nov. 5.	RYAN, JOHN ALOYSIUS ..	3 Hartstongue St., Limerick.
1895 Nov. 19.	RYYES, REGINALD ARTHUR ..	45 Keppoch St., Roath, Cardiff.
1896 Mar. 31.	SALDANHA, ADRIANO .. ..	20 Rua de Don Manoel, Riode Janeiro.
1895 Nov. 5.	{ SALMON, CHARLES EMILE HENRIET .. . . . }	{ 11 Hyde Park Mansions, N.W.
1893 Nov. 14.	SALMOND, WILLIAM .. ..	2 Leslie Rd., Pollokshields, Glasgow.
1895 Feb. 19.	SANDBERG, CHRISTER PETER, JUN.	19 Great George Street, S.W.
1895 Oct. 22.	SANDERS, CHARLES PHILLIPS ..	Boro' Engineer's Dept., Margate.
1893 Nov. 7.	SASER, CHARLES BENJAMIN ..	{ Goldfields of Lydenburg, Pilgrim's Rest, Transvaal.
1893 Nov. 21.	SANGSTER, WILLIAM PETER ..	King, King & Co., Bombay.
1892 Apr. 26.	{ SATTERTHWAITE, CHARLES GEOFFREY .. . . . }	{ The Vicarage, Disley, Stockport.
1895 Dec. 3.	{ SAVILE, WILLIAM HENRY BOURCHIER .. . . . }	{ 4 Rodney Place, Clifton, Bristol.
1891 Nov. 9.	SCARFE, GEORGE NORMAN ..	Gawler Place, Adelaide, S. Australia.
1895 May 14.	SCOTT, CHARLES WILLIAM ..	South Horns Ry., Plymstock, Devon.
m 1894 Feb. 27.	SCOTT, JAMES .. ..	160 Hope Street, Glasgow.
1894 Dec. 4.	SCOTT, PERCY GILBERT ..	Madras Ry., Bezwada, India.
1890 Dec. 2.	SEAVILL, LEONARD CROWLEY ..	Orwell Works, Ipswich.
1896 Feb. 25.	SHACKLE, CHARLES EDWARD ..	Harlington, Middlesex.

Date of Admission.	STUDENTS.	
1894 Jan. 23.	SHACKLETON, WILLIAM .. ..	311 Queensgate, Burnley.
1893 Nov. 14.	SHAW, JOHN .. .. .	M. S. & L. Ry., Grimsby Docks.
1894 Jan. 16.	SHAW, WILFRED .. .. .	{ Lea & Thornbery, 38 Bennetts Hill, Birmingham.
1895 Jan. 8.	SHAW, WILLIAM CAMPBELL .. ..	6 Ellerdale Rd., Hampstead, N.W.
1894 Nov. 6.	SHAWCROSS, ROBERT ELLIS .. ..	66 Lexham Gardens, W.
1896 Mar. 3.	SHEFFIELD, FREDERICK GERARD .. ..	8 Great Percy Street, W.C.
1892 Jan. 26.	SHEFFIELD, JOHN NEWTON .. ..	6 Delahay St., Westminster, S.W.
1891 Nov. 9.	{ SHELFORD, FREDERIC, B.Sc. London .. .. .	{ 35A Great George Street, W.C.
1893 Nov. 14.	SHETTLE, WILLIAM CROASDILL .. ..	28 Brook St., Kennington Rd., S.E.
1893 Apr. 18.	SHIELD, JOHN THOMAS .. ..	Municipal Offices, Blackburn.
1892 Nov. 22.	{ SHIELDS, WILLIAM HERBERT, B.Sc. .. .. .	{ P.W.D., Perth, Western Australia.
1892 Nov. 22.	SHORT, FREDERICK MARTIN .. ..	{ D'Urban Lodge, Woodchurch Rd., West Hampstead, N.W.
1889 Dec. 17.	{ SHORTLAND, CHARLES VINCENT NIXON .. .. .	{ T. R. Wynne, Bengal-Nagpur Ry., Nagpur, India.
1893 Dec. 19.	{ SHOUBRIDGE, HARRY OLIVER BARON .. .. .	{ P.W.D., Begari Canals, Jacobabad, Sind.
1891 Mar. 24.	SIBOLD, CHARLES WILLIAM .. ..	P.W.D., Soane Circle, Arrah, Bengal.
1895 Nov. 5.	SIKES, LOUIS, B.Sc. .. ..	G. F. Deacon, 32 Victoria St., S.W.
1896 May 5.	SIMMERS, ROBERT BEEVOR .. ..	Aberdeen House, Ramsgate.
1893 Dec. 19.	SIMMS, JOHN CURLING .. ..	Ry., Mafeking, Bechuanaland.
1895 Mar. 5.	SIMPSON, DONALD GRAFTON .. ..	9 Dairy House Road, Derby.
1892 Dec. 20.	SIMPSON, HORACE FARR .. ..	{ District Council, Sutton St. James, Wisbech.
1894 Oct. 16.	SIMPSON, LIGHTLY STAPLETON .. ..	67 Romford Road, Stratford, E.
1889 Nov. 26.	SISSON, NORMAN .. ..	Borras House, Gresford, Denbigh.
1896 Mar. 3.	SKIPWITH, FULWAR ESTOTEVILLE .. ..	{ Woodlands, Camden Pk., Tunbridge Wells.
1894 May 1.	SLADE, CHARLES FELIX .. ..	M. & G. N. Rys., Melton Constable.
1894 Dec. 4.	SMITH, ARTHUR CHARLES IRVING .. ..	Kincraig, Invergordon, N.B.
1896 Feb. 25.	SMITH, CHARLES EDMUND JOSEPH .. ..	{ District Council, Urmston, Man- chester.
1896 Feb. 4.	SMITH, EGBERT WYON .. ..	L.D. & E.C. Ry., Clown, Chesterfield.
1893 Jan. 31.	SMITH, JONAH WALKER .. ..	Ash Lodge, Watford.
1892 Feb. 2.	SMITH, THOMAS, B.E. .. ..	Corballis Ho., Donabate, co. Dublin.
1891 May 5.	SMITH, VINCENT .. ..	Nesham Place, Houghton-le-Spring.
1893 Jan. 10.	SMITH, WILLIAM SIDNEY .. ..	Ash Lodge, Watford. [hampton.
1896 Mar. 31.	SMYTH, CHARLES MONTGOMERIE .. ..	Electric Construction Co., Wolver-
1893 Nov. 7.	{ SONNEBORN, ALBERT EDWARD HARVEY .. .. .	{ 17 Acol Road, N.W.
1894 Dec. 4.	SONNENSCHIEIN, FREDERIC BOLTON .. ..	5 Holford Rd., Hampstead, N.W.
1891 Nov. 9.	SOPER, ROBERT LEWIS .. ..	Roseneath, Wanstead, E.
1894 Dec. 4.	SOUTHEY, FREDERICK .. ..	24 Dalmore Rd., West Dulwich, S.E.
1896 Feb. 11.	SPIKING, CHARLES ERNEST .. ..	Bank Terrace, Dewsbury.
1893 Jan. 31.	SQUIRE, GEORGE FREDERICK .. ..	{ Rev. C. Coldwell, Christchurch Vicarage, Isle of Dogs, E.
1895 Dec. 3.	STANDEN, HUGH WYATT .. ..	40 Courtfield Gardens, S.W.
1894 Dec. 4.	{ STANFORD, WALTER HALSTEAD CORTIS .. .. .	{ Glenwood, Dalnuir, N.B.
1893 Nov. 7.	STANTON, WALTER CHARLES .. ..	P.W.D., Rangoon, Burma.
1891 Nov. 24.	STAPLETON, BRYAN, F.C.H. .. ..	King, King & Co., Bombay.
1893 Dec. 12.	STAPYLTON, ALAN .. ..	20 Mortlake Road, Kew, S.W.
1894 Mar. 6.	STARK, JAMES .. ..	Summerlea Ho., Thornliebank, Glas-
1895 Feb. 19.	STAVELEY, ARTHUR GODFREY .. ..	[gow.
1894 Nov. 6.	STEELE, DUFF .. ..	8 Fitzwilliam Rd., Clapham, S.W.
1892 Nov. 29.	STENNING, HENRY ALEXANDER .. ..	Union Ironworks, Carnarvon.
1892 Nov. 1.	{ STEPHENS, CHARLES THOMAS, B.E. .. .. .	{ 71 Darlington Rd., Sydney, N.S.W.
1895 Dec. 3.	STEPHENSON, BERNARD .. ..	12 Crown Ter., Anlaby Rd., Hull.
m + 1892 Jan. 11.	STEVEN, JOHN WILSON .. ..	21 Delahay St., Westminster, S.W.

	Date of Admission.	STUDENTS.	
	1895 Jan. 22.	STEVENS, BLAMEY .. .. .	{ Bolton Lodge, Eccles New Rd., Manchester.
	1892 Nov. 22.	STEVENSON, GEO. HAROLD, B.Sc.	Assam-Bengal Ry., Comilla, India.
	1892 Dec. 6.	STEVENSON, RONALD COCHRAN	104 Marine Approach, So. Shields.
m +	1894 Feb. 6.	STEWART, ANGUS MATHESON ..	Prospect Villa, Kennoway, Fife, N.B.
	1892 Nov. 1.	{ STIMPSON, JAMES FREDERICK ALEXANDER .. .. . }	44 Islington Row, Birmingham.
	1895 Nov. 19.	STIRLING, GROTE .. .. .	M. & G. N. Rys., Melton Constable.
	1891 Nov. 9.	STOKES, FRANK TORRENS ..	Box 1355, Johannesburg, Transvaal.
	1895 Mar. 19.	STOKES, HUBERT TOWNSEND ..	Hall Cross House, Doncaster.
	1892 Dec. 6.	STORY, PHILIP FRANCIS ..	City Surveyor's Office, Manchester.
	1895 Dec. 3.	{ STRAATEN, ENGLEBERT HUGH VAN DER .. .. . }	115 Wellington Street, Glasgow.
	1895 Dec. 3.	STREETEN, BASIL STIGAND ..	Boro' Eng.'s Office, Leamington.
	1893 Jan. 17.	STRETTLE, WILLIAM STRATFORD	P.W.D., Perth, Western Australia.
	1891 Nov. 9.	{ STRUBEN, ARTHUR MARINUS ALEXANDER .. .. . }	New Club, 4 Grafton Street, W.
	1892 Nov. 29.	STUART, ARTHUR REGINALD ..	P.W.D., Palamcottah, Madras.
	1895 Oct. 22.	STUART, FRANK DONALD ..	177 High Street, Lincoln.
	1896 Mar. 3.	STUART, JAMES DOUGLAS ...	Royal Indian Eng. Coll., Staines.
	1895 May 14.	STUBBS, BENJAMIN THOMAS ..	11 Woodend Lane, Hyde, Manchester.
	1893 Feb. 21.	STURROCK, JOHN, Jun. .. ..	{ W. R. Copland, 146 W. Regent St., Glasgow.
	1892 Nov. 29.	SULLIVAN, WILLIAM .. .. .	
	1894 Dec. 4.	SUMMERFORD, HORACE GEORGE	{ H.M.S. 'Anson,' Mediterranean Squadron.
	1891 Nov. 9.	SUNDERLAND, CHARLIE HARKER	Onkleigh Cottage, Clayton, Yorks.
	1893 Nov. 14.	SUSSMAN, WILLIAM TOM WOOD	{ Eardley House, Marine Parade, Worthing.
	1895 Nov. 19.	{ SWINDLERURST, HAROLD LIONEL JOHN .. .. . }	D.P.W., Sydney, N.S.W.
	1893 Nov. 14.	SWINSTEAD, EDWARD WILLIAM	{ 2 Balmoral Ter., Portswood Road, Southampton.
	1893 Nov. 14.	SYKES, JOSEPH CHARLES .. ..	Loco. Dept., L. C. & D. Ry., Margate.
	1895 Oct. 22.	TARRANT, ERNEST ARTHUR ..	6 Meadow Rd., South Lambeth, S.W.
	1894 Nov. 6.	TAYLOR, DAVID GUILLAND, B.Sc.	Albion Ho., Carrick Rd., Ayr, N.B.
	1892 Mar. 15.	TAYLOR, FREDERICO HENRY ..	14 Darenth Rd., Stamford Hill, N.
	1895 May 14.	TAYLOR, JOHN .. .. .	Surveyor's Office, Yeovil.
	1892 May 24.	TAYLOR, JOHN CHARLES .. ..	{ Kingswear, Streathbourne Road, Tooting Common, S.W.
	1894 Jan. 23.	{ TAYLOR, THOMAS HERBERT THORNELY .. .. . }	94 Baron's Court Rd., West Kensington, W.
	1893 Nov. 21.	TERRY, ALFRED JOHN .. .. .	Hunthfield House, Chepstow.
	1894 Dec. 4.	THOMAS, ALBERT ERNEST ..	{ Ferreira Gold Mining Co., Box 1,021, Johannesburg, Transvaal.
	1894 Nov. 27.	THOMAS, AUBREY WARD ..	35 Navigation Rd., Altrincham.
	1894 Oct. 30.	THOMAS, CHARLES FREDERICK	{ Modderfontein Gold Mining Co., Benoni, Transvaal.
	1895 Feb. 26.	THOMAS, HUBERT ROBERT, B.Sc.	The Cleveland, Wolverhampton.
	1891 Feb. 10.	THOMAS, WILLIAM MATTHEWS	Grindlay & Co., Calcutta. [on-Tyne.
	1892 Nov. 29.	THOMPSON, CYRIL HANSON ..	T. Hoyle, 51 Westgate Rd., Newcastle.
	1890 Nov. 18.	THORNYCROFT, JOHN EDWARD	Eyot Villa, Chiswick Mall, W.
iii	1894 Oct. 30.	THOW, SYDNEY .. .. .	{ Smelting Co. of Australia, 56 Margaret St., Sydney, N.S.W.
	1895 Mar. 26.	{ THRING, LEONARD GODFREY PINNEY, B.A. .. .. . }	Shamley Green, Guildford. [burgh.
	1893 Nov. 14.	TOD, LOGAN MILLAR .. .. .	N.B. Ry., 246 Morrison St., Edin.
	1896 Mar. 3.	TOLME, THOMAS JULIAN .. ..	4 Salisbury Road, Wimbledon.
	1892 Jan. 11.	TONGE, HAROLD ASHETON ..	Ry. & Dock, Port Talbot, S. Wales.
	1893 Mar. 7.	TOPHAM, JOHN WILLIAM ..	M. S. & L. Ry., Narboro', Leicester.
	1894 Nov. 20.	TOTTENHAM, PERCY MARMA DUKE	P.W.D., Cairo, Egypt.

Date of Admission.		STUDENTS.	
1894 Feb. 27.		TRAVERS, HENRY CECIL .. ..	2 Phillimore Gardens, W.
1894 May 22.		{ TRELAWNY, JAMES EDWARD .. .. SALUSBURY .. .. .. }	39 Victoria Street, S.W.
1896 Apr. 14.		TRENERRY, JOHN HORATIO .. ..	20 Upper Bedford Place, W.C.
1895 Jan. 8.		TRENT, WILLIAM EDWARD .. ..	48 Buxton Rd., Stratford, E.
1896 Mar. 3.		{ TRIMMINGHAM, NORMAN STEW- ART PAGET .. .. .. }	The Grange, St. Michael's, Bar- bados.
1895 Nov. 26.		TRUBSHAW, CHARLES KENNETH .. ..	123 Osmaston Road, Derby.
1891 Feb. 10.		TRUNINGER, LIONEL .. ..	Asst. Supt. of Telegraphs, Calcutta.
m 1893 Nov. 14.		TUCKER, PIERCE JOSEPH .. ..	129 Edleston Road, Crewe.
1896 Mar. 31.		TUZO, JOHN ATKINSON .. ..	Midland Ry., Elsecar, Barnsley.
1894 Dec. 4.		UDAL, JOHN POUNTNEY .. ..	21 Speedwell Rd., Birmingham.
1895 Oct. 22.		{ UNDERHILL, REGINALD STAN- LEY, B.A. .. .. .. }	15 St. Clements, Oxford.
1893 Nov. 7.		UNWIN, EDWARD PERCY .. ..	Chilworth, Surrey.
1894 Nov. 27.		{ URTUBET, ALBERTO LUIS GOW- LAND, B.A. .. .. .. }	14 Vincent Square, S.W.
1891 Nov. 3.		VAIZEY, JOHN LEONARD .. ..	G. E. Ry., Loco. Dept., Norwich.
1894 Mar. 6.		VAINTINE, AMBROSE .. ..	Croxton House, Leamington.
1890 Nov. 18.		VALLANCE, BERTRAM .. ..	Deanery, Romford Rd., Stratford, E.
1894 Feb. 20.		VALON, WALTER ARTHUR .. ..	8 Chapel Place, Ramsgate.
1894 Dec. 4.		VAUGHAN, CEDRIC GEORGE, B.A. .. ..	27 Great George Street, S.W.
1893 Dec. 19.		VAUGHAN, CHARLES TATE .. ..	Mount View, Athlone, co. Westmeath.
1896 Mar. 10.		VEASEY, JOHN HERBERT .. ..	{ A. Sidwell, Berlin, King William's Town, Cape Colony.
1892 Jan. 11.		{ VENTERS, WILLIAM BEATTIE, B.Sc. .. .. .. }	Assam-Bengal Ry., Badarpur, India.
1894 Dec. 4.		VIGNOLES, WALTER ADOLPH .. ..	29 Western Ter., Chelmsford. [N.B.
1895 Jan. 29.		VILLIERS, JOHN LOUW DE .. ..	Glen Esk Villa, Edzell, Brechin.
1893 Nov. 28.		VINCENT, SAMUEL JOSEPH LEE .. ..	Graham Ho., Albany Rd., Gt. Yar-
1892 Nov. 22.		VOLCKMAN, GEORGE WILLIAM .. ..	New Docks, Portsmouth. [mouth.
1896 May 5.		WALES, CHARLES WALTER .. ..	7 Mowbray Road, Upper Norwood.
1890 Jan. 21.		WALKER, ARCHIBALD EDWARD .. ..	166 Peckham Rye, S.E. [S.E.
1894 Oct. 16.		WALKER, JOAH HAIGH .. ..	{ Mrs. Deighton, Church Terrace, Northallerton.
1893 Dec. 12.		WALLACE, WILLIAM GREENELL .. ..	173 Portland Rd., Newcastle-on-Tyne.
1891 Nov. 24.		WALTON, HORACE REGINALD .. ..	King, King & Co., Bombay.
1894 Mar. 6.		WANKLYN, WILLIAM LUMB .. ..	{ Green's Fuel Economiser, 2 Ex- change Street, Manchester.
1894 Jan. 23.		WARHURST, LEONARD VINCENT .. ..	M. S. & L. Ry., Guide Bridge, Laues.
1889 Mar. 19.		WARREN, HAROLD .. ..	M. Ffolkes, 23 Qn. Anne's Gate, S.W.
1893 May 16.		{ WARREN, HENRY BONIFINT GORDON .. .. .. }	R. & J. H. Rea, 53 James Street, Cardiff. [diff.
1893 Nov. 21.		WARREN, PHILIP RIDSDALE .. ..	Barry Ry., Dock No. 2, Barry, Car-
1892 Nov. 22.		WATKIN, RALPH .. ..	Fletcher & Co., Litchurch, Derby.
1894 Oct. 16.		WATNEY, GERALD NORMAN .. ..	Valence, Westerham, Kent.
m 1891 Dec. 8.		WATSON, ARTHUR .. ..	3 Percival Place, Miles Platting, Man-
1891 Nov. 24.		WATSON, FRANK LESLIE .. ..	21 Springfield Mount, Leeds. [chester.
1891 Nov. 9.		WATSON, JOHN WILLIAM .. ..	42B Filmer Rd., Fulham, S.W.
1891 Nov. 9.		WATSON, LEONARD KINGSLEY .. ..	Granville Ho., Bedford Pk., Croydon.
1892 Dec. 6.		WATSON, THOMAS AUBREY .. ..	Granville Ho., Bedford Pk., Croydon.
m 1892 Feb. 23.		WATT, THOMAS HARKNESS .. ..	160 Hope Street, Glasgow.
1891 Nov. 3.		WAY, ARTHUR GEORGE .. ..	Stanmer, Argyle Rd., Ealing, W.
1893 Nov. 14.		WEARING, CHARLES ELTON .. ..	N. British Ry., Eng.'s Office, Edin-
1896 May 5.		WEIR, ALEXANDER MURDOCH .. ..	160 Hope St., Glasgow. [burgh.
1894 Nov. 6.		WELEOURN, BURKEWOOD .. ..	{ Pyxcroft, Church Walk, Thames Ditton.

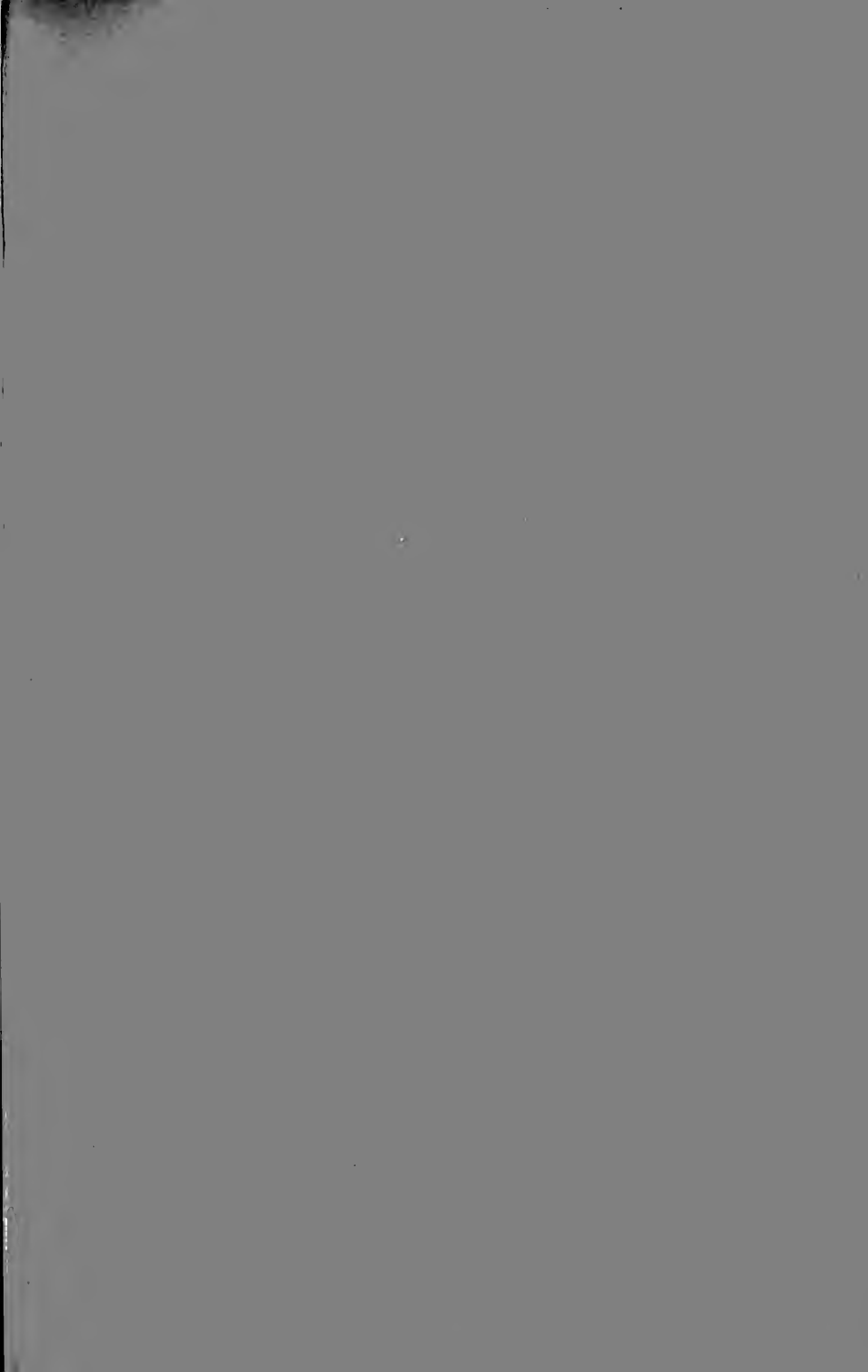


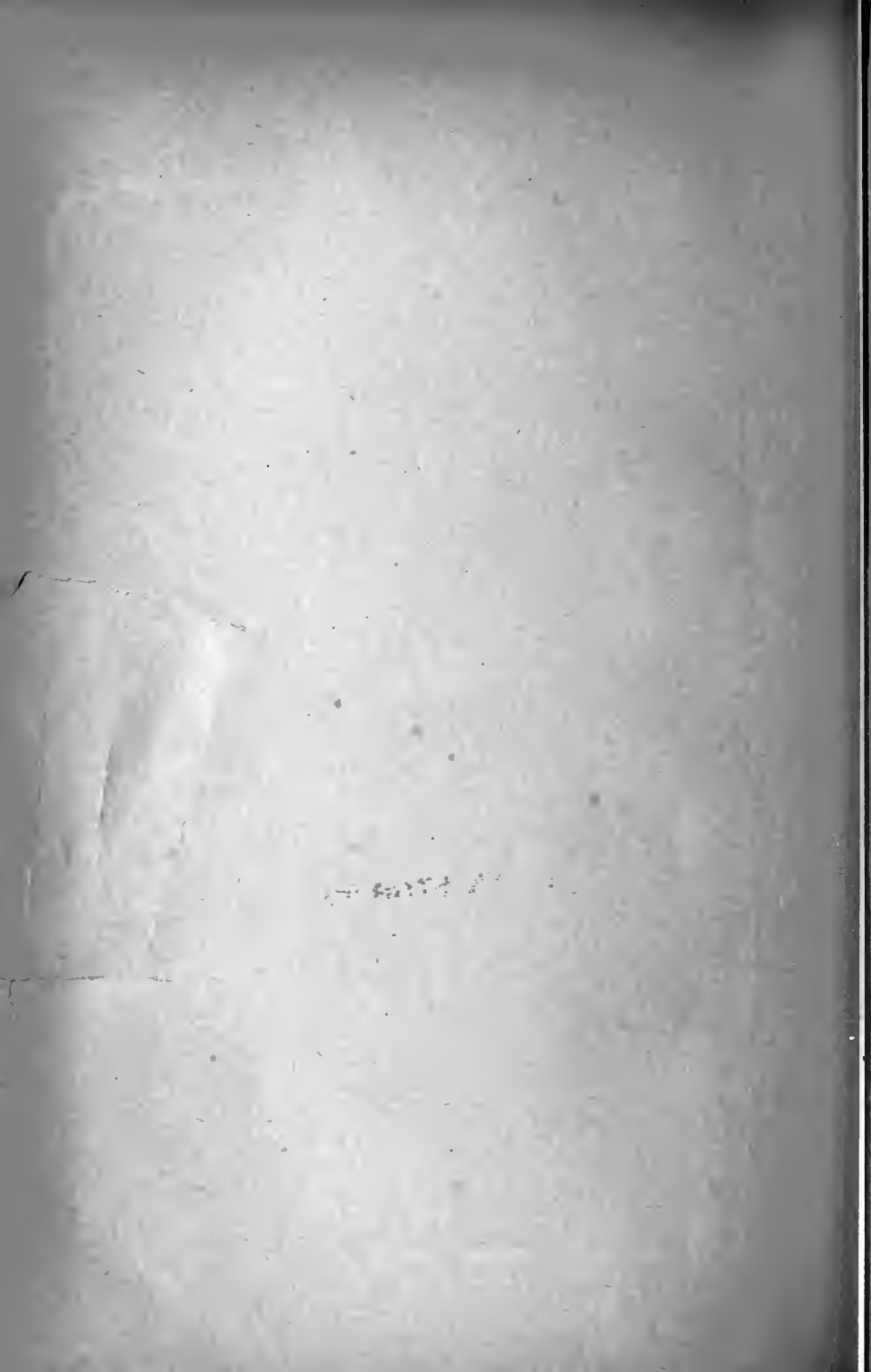
Date of Admission.	STUDENTS.	
1894 Mar. 6.	WELLS, PERCY MONTAGU ..	Box 2303, Johannesburg, Transvaal.
1894 Apr. 3.	WEST, FREDERICK JOSEPH ..	{ Albion Works, Miles Platting, Manchester.
1895 Dec. 3.	WETHERED, THOMAS ARTHUR	36 Norland Square, Notting Hill, W.
1892 May 17.	{ WHEELER, HUBERT DICKENSON } TALBOYS .. .. .	{ Punt Rd., East Melbourne, Victoria.
1894 Oct. 30.	WHITE, EDWARD MEDLAND ..	Mackworth, Derby.
1892 Nov. 22.	WHITE, WILLIAM HERBERT ..	15 Lyndhurst Rd., Hampstead, N.W.
1890 Nov. 18.	WHITEFORD, ERIC HAMILTON	5 Sussex Terrace, Plymouth.
1892 Apr. 26.	WHITWORTH, SAMUEL .. ..	P.O., Coolgardie, Western Australia.
1896 Jan. 7.	WIDNALL, GEORGE WILLIAM ..	Bill's Head Hotel, Loughborough.
1895 Mar. 5.	WIGG, CHARLES BARNARD ..	{ Electricity Supply Co., Draycott Place, S.W.
1895 May 14.	WILLIAMS, EDWARD LLOYD ..	153 Queen's Rd., Everton, Liverpool.
1891 Nov. 17.	WILLIAMS, GEORGE BRANSBY	Wilem Place, Knighton, Rads.
1893 Nov. 21.	WILLIAMS, LLEWELLYN .. ..	100 Bay Street, Port Glasgow.
1894 Feb. 27.	{ WILLIAMS, STEPHEN MAYNARD } JENOUR .. .. .	{ Narsingarh, Jhargram, Calcutta.
1896 Feb. 25.	WILLIS, JOHN BURDETT .. ..	10 Churchfield Road, Ealing, W.
1891 Nov. 3.	{ WILMSHURST, ARTHUR CHARLES } JAMES .. .. .	{ Rutlands, Waddon New Rd., Croydon.
1895 Oct. 22.	{ WILSON, ALFRED CARRUTHERS } B.Sc.	{ Holyrood, Eastbourne.
1890 Nov. 18.	WILSON, BENJAMIN LEONARD	Survey Dept., Sierra Leone.
1892 Jan. 11.	WILSON, CHARLES WALKER ..	Busby, by Glasgow.
1895 Nov. 5.	WILSON, JOHN SIGMUND .. ..	10 Sinclair Road, Kensington, W.
1896 Mar. 10.	WINBY, LEWIS PHILLIPS .. ..	47 Portland Place, W.
1895 Dec. 3.	WINCEY, GUY PETERS .. ..	114 Park Road, Bolton.
1892 Nov. 22.	WINDER, OLIVER .. .. .	34 Starellife St., Moses Gate, Bolton.
1894 Dec. 4.	WINDHAM, ARTHUR RUSSELL ..	Town Hall Street, Lutterworth.
1894 Dec. 4.	WISE, JULIAN STANTON .. ..	A. T. Walmisley, 9 Victoria St., S.W.
1890 May 13.	WOLFF, CHARLES ERNEST, B.Sc.	Court House Farm, Milford, Derby.
1891 Dec. 8.	WOOD, HENRY MILLS .. .. .	1 Gloucester Square, Hyde Park, W.
1895 Nov. 19.	WOODGER, PETER BISSET ..	{ 190 Westgate Road, Newcastle-on-Tyne.
1895 May 14.	WOODS, HAMILTON ARNISON ..	117 Upper Brook St., Manchester.
1894 Apr. 10.	WOOLMER, HERBERT CHARLES	Gt. Sandstone Mine, Llanelly, Victoria.
1892 Jan. 26.	WORKMAN, FREDERIC DICKINSON	{ L. & N.W. Ry., Eng.'s Office, Euston, N.W.
1892 Nov. 8.	WYMAN, RONALD .. .. .	18 Putney Hill, S.W.
1894 May 22.	{ WYNNE, ARTHUR ALGERNON } WARREN .. .. .	{ Ferry Works, Thames Ditton, Surrey.
1894 May 22.	WYON, WILLIAM .. .. .	54 Hamilton Terrace, N.W.
1894 Dec. 4.	YOUNG, JAMES ALAN FERGUSON	{ Mandalay-Kunlon Ry., Mandalay, Burma.
1894 Dec. 4.	{ YOUNG, MANSEL CHARLES } GAMMIE .. .. .	{ W. Watson & Co., Karachi, India.
1895 Mar. 5.	ZELLER, CARLOS VAN .. ..	Villar, Oporto, Portugal.

Total number of Students .. .. 872.

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